

CAUTION: AIR-ON MEET

CHALISAPURJ VHA.ORDVCS

CALLISAURUS DRACONOIDES

12-3-55	4-7	8-10	11-14	15	20	21-23	24	27	28-32	33-35	36	39	41	43	44	45	49	52	53-55	56-58	59
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
11 004	11 096				1120	0 91858	013 29	80	01		888		0031	0028							
11 005	11 102				1125	0 91858	013 29	80	01		888		0016	0016							
11 006	11 095				1115	0 91858	013 29	80	01		888		0032	0014							
11 008	11 089				1210	0 91858	013 29	80	01		888		0020	0016							
11 009	11 094				1215	0 91858	013 29	80	01		888		0033	0032							
11 012	12 061				1618	0 91958	003 29	80	08		888		0001	0001							
11 013	11 080				1138	0 91359	007 14	00	02		888		0006	0008	90	93.7					1
11 014	12 053				1209	0 91359	007 14	00	02		888		0001	0001	00	43.6					1
11 015	12 052				1330	0 91359	007 14	00	02		888		0001	0001	00	49.8					1
11 017	12 054					0 40159	058 21	50	02		888		0001	0001	00	42.9					1

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CALLISAURUS DRACONOIDES

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
11 018	13044					040159	058	21	50	02	888	888	0001	0001	0001	00	33.8				1
11 019	12047					040159	058	21	50	02	888	888	0001	0001	0001						
11 020	11077					042559	002	03	00	02	888	888	0042	0038	71	76.7	04	1.5			1
11 021	12069					11400	042559	002	03	00	02	888	888	0001	0001	60	48.5				1
11 026	12067					14000	052359	002	03	00	01	888	888	0001	0001						
11 027	11080					12050	052259	007	44	00	01	888	888	0030	0029	61	37.6	04	5.2		1
11 033	12064					17000	072159	007	19	50	01	400	888	0002	0002	00	56.8				1
11 034	12059					17150	072159	007	19	50	01	383	888	0001	0001	60	40.7				1
11 036	12064					17350	072959	014	39	00	05	386	888	0002	0002	00	62.0				1
11 037	11014					16000	062659	002	05	00	02	888	888	0012	0011						

[illegible][illegible]

CALLISAURUS DRACONOIDES

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15	Date
20	Locality
21-23	Elevation
24	Habitat
25-27	Temperature
28-30	Breeding Color
31	Sperm
32	Epididymis
33-35	Left testis volume
36	Rt. testis volume
37-39	Condition
40	Sem. tubule diameter
41-43	Sem. epithelial height
44-46	Interstitial cell nuclear diam.
47-49	Epid. epith. height
50	Sertoli cells

CALLISAURUS DRACONIDES

[illegible]

CALLISAURUS D. CONOIDEA

12	Species No.
3-5	Animal No.
67	Sex
8-10	Age
11-14	S-V length
15-20	Time
21-23	Date
24-27	Locality
28-30	Elevation
31-33	Habitat
34-36	Temperature
37-39	Breeding Color
40-42	Sperm
43-45	Epididymis
46-48	Left testis volume
49-51	Rt. testis volume
52-54	Condition
55-57	Sem. tubule diameter
58-60	Sem. epithelial height
61-63	Interstitial cell nuclear diam.
64-66	Epid. epith. height
67-69	Sertoli cells

CALLISAURUS DEACOIDES

[illegible]

CALLISAURUS DRACONOIDES

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
13	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
14	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
15	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
16	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
17	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
18	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
19	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
20	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
21	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
22	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
23	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
24	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
25	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
26	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
27	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
28	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
29	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
30	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
31	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
32	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
33	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
34	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
35	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
36	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
37	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
38	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
39	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
40	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
41	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
42	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
43	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
44	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
45	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
46	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
47	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
48	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
49	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
50	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
51	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
52	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
53	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
54	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
55	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
56	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
57	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
58	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
59	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50
60	5-5	16	7	5-16	11-14	15	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48	50

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12	3-5	1	7	8-10	11	14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	39	40	41	43	44	45	49	49	52	53-55	56-58	59	60		
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells											
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CALLISAURUS DRACONOIDES

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CALICIVIRUS ERACONOIDES

12	Species No.
13-15	Animal No.
16	Sex
17	Age
18-19	S-V length
20-21	Time
22-23	Date
24-25	Locality
26-27	Elevation
28-29	Habitat
30-31	Temperature
32-33	Breeding Color
34-35	Sperm
36-37	Epididymis
38-39	Left testis volume
40-41	Rt. testis volume
42-43	Condition
44-45	Sem. tubule diameter
46-47	Sem. epithelial height
48-49	Interstitial cell nuclear diam.
50-51	Epid. epith. height
52-53	Sertoli cells

12	12
13-15	13-15
16	16
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18-19	18-19
20-21	20-21
22-23	22-23
24-25	24-25
26-27	26-27
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30-31	30-31
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34-35	34-35
36-37	36-37
38-39	38-39
40-41	40-41
42-43	42-43
44-45	44-45
46-47	46-47
48-49	48-49
50-51	50-51
52-53	52-53
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56-57	56-57
58-59	58-59
60-61	60-61
62-63	62-63
64-65	64-65
66-67	66-67
68-69	68-69
70-71	70-71
72-73	72-73
74-75	74-75
76-77	76-77
78-79	78-79
80-81	80-81
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92-93	92-93
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120-121	120-121
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124-125	124-125
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132-133	132-133
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248-249	248-249
250-251	250-251
252-253	252-253
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260-261	260-261
262-263	262-263
264-265	264-265
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306-307	306-307
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314-315	314-315
316-317	316-317
318-319	318-319
320-321	320-321
322-323	322-323
324-325	324-325
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472-473	472-473
474-475	474-475
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478-479	478-479
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482-483	482-483
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486-487	486-487
488-489	488-489
490-491	490-491
492-493	492-493
494-495	494-495
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622-623	622-623
624-625	624-625
626-627	626-627
628-629	628-629
630-631	630-631
632-633	632-633
634-635	634-635
636-637	636-637
638-639	638-639
640-641	640-641
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644-645	644-645
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662-663	662-663
664-665	664-665
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668-669	668-669
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714-715	714-715
716-717	716-717
718-719	718-719
720-721	720-721
722-723	722-723
724-725	724-725
726-727	726-727
728-729	728-729
730-731	730-731
732-733	732-733
734-735	734-735
736-737	736-737
738-739	738-739
740-741	740-741
742-743	742-743
744-745	744-745
746-747	746-747
748-749	748-749
750-751	750-751
752-753	752-753
754-755	754-755
756-757	756-757
758-759	758-759
760-761	760-761
762-763	762-763
764-765	764-765
766-767	766-767
768-769	768-769
770-771	770-771
772-773	772-773
774-775	774-775
776-777	776-777
778-779	778-779
780-781	780-781
782-783	782-783
784-785	784-785
786-787	786-787
788-789	788-789
790-791	790-791
792-793	792-793
794-795	794-795
796-797	796-797
798-799	798-799
800-801	800-801
802-803	802-803
804-805	804-805
806-807	806-807
808-809	808-809
810-811	810-811
812-813	812-813
814-815	814-815
816-817	816-817
818-819	818-819
820-821	820-821
822-823	822-823
824-825	824-825
826-827	826-827
828-829	828-829
830-831	830-831
832-833	832-833
834-835	834-835
836-837	

CALLISAURUS DRACONOIDES

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15-20	Date
21-23	Locality
24-27	Elevation
28-30	Habitat
31-32	Temperature
33-34	Breeding Color
35	Sperm
36	Epididymis
37-39	Left testis volume
40-42	Rt. testis volume
43-45	Condition
46-49	Sem. tubule diameter
50-52	Sem. epithelial height
53-55	Interstitial cell nuclear diam.
56-58	Epid. epith. height
59-61	Sertoli cells

CALLISAURUS DRACONOIDES

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15	Date
20	Locality
21-23	Elevation
24-27	Habitat
28-32	Temperature
33-34	Breeding Color
35	Sperm
36	Epididymis
37-39	Left testis volume
40-43	Rt. testis volume
44-45	Condition
46-49	Sem. tubule diameter
50-52	Sem. epithelial height
53-55	Interstitial cell nuclear diam.
56-59	Epid. epith. height
60	Sertoli cells

CALLISAURUS DRACONOIDES

12	Species No.
13	Animal No.
14	Sex
15	Age
16	S-V length
17	Time
18	Date
19	Locality
20	Elevation
21	Habitat
22	Temperature
23	Breeding Color
24	Sperm
25	Epididymis
26	Left testis volume
27	Rt. testis volume
28	Condition
29	Sem. tubule diameter
30	Sem. epithelial height
31	Interstitial cell nuclear diam.
32	Epid. epith. height
33	Sertoli cells
1	
2	
3	
4	
5	
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CALLISAURUS DRACONOIDES

[illegible]

Coleonyx variegatus

Coleonyx variegatus

COLLECTA VRIETATIS

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	167	8-16	11-14	15	20	21-23	24	27-28	29	30-32	33	34	35	36	37	38	39	40	41	42	43
13	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
14	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
15	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
16	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
17	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
18	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
19	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
20	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
21	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
22	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
23	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
24	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
25	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
26	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
27	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
28	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
29	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
30	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
31	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
32	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
33	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
34	16	11	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
35	16	11	16	17	18	1																

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
12	3-5	67	7	8-10	11-14	15	-	20	21-23	24	-	27	28	29	30-32	33	34	35	36	-	39	40	-	43	44	45	-	49	49	50	51	52	53-55	56-58	59	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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BOOK REVIEWS

12	3-5	6-7	8-10	11-14	15-20	21-23	24-27	28-32	33-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	160-169	170-179	180-189	190-199	200-209	210-219	220-229	230-239	240-249	250-259	260-269	270-279	280-289	290-299	300-309	310-319	320-329	330-339	340-349	350-359	360-369	370-379	380-389	390-399	400-409	410-419	420-429	430-439	440-449	450-459	460-469	470-479	480-489	490-499	500-509	510-519	520-529	530-539	540-549	550-559	560-569	570-579	580-589	590-599	600-609	610-619	620-629	630-639	640-649	650-659	660-669	670-679	680-689	690-699	700-709	710-719	720-729	730-739	740-749	750-759	760-769	770-779	780-789	790-799	800-809	810-819	820-829	830-839	840-849	850-859	860-869	870-879	880-889	890-899	900-909	910-919	920-929	930-939	940-949	950-959	960-969	970-979	980-989	990-999	1000-1009	1010-1019	1020-1029	1030-1039	1040-1049	1050-1059	1060-1069	1070-1079	1080-1089	1090-1099	1100-1109	1110-1119	1120-1129	1130-1139	1140-1149	1150-1159	1160-1169	1170-1179	1180-1189	1190-1199	1200-1209	1210-1219	1220-1229	1230-1239	1240-1249	1250-1259	1260-1269	1270-1279	1280-1289	1290-1299	1300-1309	1310-1319	1320-1329	1330-1339	1340-1349	1350-1359	1360-1369	1370-1379	1380-1389	1390-1399	1400-1409	1410-1419	1420-1429	1430-1439	1440-1449	1450-1459	1460-1469	1470-1479	1480-1489	1490-1499	1500-1509	1510-1519	1520-1529	1530-1539	1540-1549	1550-1559	1560-1569	1570-1579	1580-1589	1590-1599	1600-1609	1610-1619	1620-1629	1630-1639	1640-1649	1650-1659	1660-1669	1670-1679	1680-1689	1690-1699	1700-1709	1710-1719	1720-1729	1730-1739	1740-1749	1750-1759	1760-1769	1770-1779	1780-1789	1790-1799	1800-1809	1810-1819	1820-1829	1830-1839	1840-1849	1850-1859	1860-1869	1870-1879	1880-1889	1890-1899	1900-1909	1910-1919	1920-1929	1930-1939	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	2020-2029	2030-2039	2040-2049	2050-2059	2060-2069	2070-2079	2080-2089	2090-2099	2100-2109	2110-2119	2120-2129	2130-2139	2140-2149	2150-2159	2160-2169	2170-2179	2180-2189	2190-2199	2200-2209	2210-2219	2220-2229	2230-2239	2240-2249	2250-2259	2260-2269	2270-2279	2280-2289	2290-2299	2300-2309	2310-2319	2320-2329	2330-2339	2340-2349	2350-2359	2360-2369	2370-2379	2380-2389	2390-2399	2400-2409	2410-2419	2420-2429	2430-2439	2440-2449	2450-2459	2460-2469	2470-2479	2480-2489	2490-2499	2500-2509	2510-2519	2520-2529	2530-2539	2540-2549	2550-2559	2560-2569	2570-2579	2580-2589	2590-2599	2600-2609	2610-2619	2620-2629	2630-2639	2640-2649	2650-2659	2660-2669	2670-2679	2680-2689	2690-2699	2700-2709	2710-2719	2720-2729	2730-2739	2740-2749	2750-2759	2760-2769	2770-2779	2780-2789	2790-2799	2800-2809	2810-2819	2820-2829	2830-2839	2840-2849	2850-2859	2860-2869	2870-2879	2880-2889	2890-2899	2900-2909	2910-2919	2920-2929	2930-2939	2940-2949	2950-2959	2960-2969	2970-2979	2980-2989	2990-2999	3000-3009	3010-3019	3020-3029	3030-303
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12	3-5	17	8-16	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells																		
14	069	1	1	065	13.1	7.1.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	070	1	2	052	13.1	7.1.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	071	1	1	057	14.5	7.2.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	072	1	2	048	18.1	7.2.57	0.2	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	073	1	1	060	13.1	7.2.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	074	1	1	071	17.05	7.2.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	075	1	1	063	19.15	7.2.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	077	1	1	061	19.15	7.2.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	080	1	1	061	19.30	7.2.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		
16	081	1	1	075	20.10	7.2.57	0.1	17	0.1	1.5	1.8	1.1	1.6	2.0	1.6	41	7.1	1.5	1.5	4.5	1.5																		

COLEONYX VARIEGATUS

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	684	110665	1	1	11.1	11-14	15-20	002267	000000	1800	28.5	2	2	2	0.014	0.018	51.4	0.765	0.767			
16	683	110658	1	1	18.15	18-19	000000	000000	000000	1800	28.5	2	2	2	0.022	0.026	150.8	0.804	9.8			
16	684	110668	1	1	12.16	12-16	000000	002267	000000	1800	28.5	2	2	2	0.024	0.026	154.3	0.704	5.1			
16	685	110611	1	1	13.20	13-20	000000	000000	000000	000000	21.0	1	1	1	0.014	0.017	6.0	0.244	0.482			
16	686	110640	1	1	17.15	17-15	000000	000000	000000	000000	21.0	1	1	1	0.035	0.042	62.0	0.700	0.722			
16	687	11070	1	1	19.56	19-56	000000	002267	000000	000000	1800	1	1	1	0.068	0.060						
16	688	11059	1	1	19.53	19-53	000000	000000	000000	000000	21.0	1	1	1	0.023	0.030	51.5	0.514	3.6			
16	672	110662	1	1	21.15	21-15	000000	000000	000000	000000	21.0	1	1	1	0.050	0.059	62.0	0.832	0.647			
16	674	110664	1	1	20.16	20-16	000000	000000	000000	000000	21.0	1	1	1	0.050	0.052	72.2	0.808	0.478			
16	695	110642	1	1	21.020	21-020	000000	000000	000000	000000	21.0	1	1	1	0.054	0.046	62.7	0.700	0.6			

12	3-35	67	8-16	11-14	15-20	21-23	24-27	28-32	33-34	35-36	37-42	43-44	45-49	50-52	53-55	56-58	59-62				
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
16 101	112034	12034	2000	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 102	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 103	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 104	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 105	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 106	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 107	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 108	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 109	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 110	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 111	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 112	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 113	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2
16 114	11604	11604	1997	43060	00303	00301	248	518	62	38.2	11	11	666	654	62	38.2	631.3	64.4	6.2	6.2	6.2

COLLECTOR: V. H. GATTS

COLLECTOR: V. A. K. L. A. I. C. S.																								
12	3-5	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	46	47-48	49	52	53-55	56-58	59-60
Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells	
16	117	11	164	2150	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	119	11	611	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	121	11	612	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	124	11	613	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	125	11	614	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	126	11	615	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	127	11	616	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	128	11	617	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	129	11	618	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	
16	134	11	619	2200	4	44	20	6.0	5	1000	405	405	11	1	100	112	100	100	100	100	100	100	100	

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells				
12	3-5	67	8-10	11-14	14	20	21-23	24	27	2829	30-32	33	34	35	36	39	41	43	44	45	49	49	52	53-55	56-58	59
14	1436	11661	1	1	661	214	56960	20363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1437	11672	1	1	672	210	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1441	11672	1	1	672	220	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1442	11670	1	1	670	2230	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1443	11667	1	1	667	2235	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1444	11670	1	1	670	2330	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1445	11667	1	1	667	2120	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1448	11675	1	1	675	2040	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	1500	11660	1	1	660	2035	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									
14	152	11668	1	1	668	2115	60360	60363000	01	2108	158	11	1	6036	6002	62034	6050									

COLEONYX VARIEGATUS

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	5-5	1	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33	34	35	36-39	40-43	44-45	46-49	50-52	53-55	56-58	59-61
14	135	1	1	6.5	24.5	0.7	0.2	0.0	0.0	0.4	1	1	0.03	0.03	0.03	0.02	0.02	0.03		0.7	10.5
14	136	1	1	6.3	20.1	0.6	0.1	0.0	0.1	0.0	1	1	0.02	0.02	0.01	0.01	0.01	0.02		0.2	10.5
14	139	1	1	6.5	22.0	0.8	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.02						
14	141	1	1	6.7	0.9	0.7	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.03						
14	144	1	1	6.7	17.2	0.7	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.03	0.01	0.01	0.03		0.4	10.5
14	145	1	1	6.2	17.4	0.7	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.03	0.01	0.01	0.03			
14	146	1	2	6.5	19.5	0.7	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.03	0.01	0.01	0.03		1.6	10.5
14	173	1	1	6.5	21.3	0.7	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.03	0.01	0.01	0.03			
14	174	1	1	6.6	22.0	0.7	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.03	0.01	0.01	0.03			
14	177	1	1	6.7	18.4	0.7	0.3	0.0	0.1	0.0	1	1	0.03	0.03	0.03	0.01	0.01	0.03			

[illegible]

COLONYX VARIEGATUS

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28	29											

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells	
12	3-5	67	8-10	11-14	14	-	20	21-23	24-	27-29	30-32	33	34	35	36	37	40	41-45	46-49	50-52	53-55	56-59	60
13	612	11	617	1000	6	51	01	002	21	00	03.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
14	613	11	618	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
15	614	11	619	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
16	615	11	620	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
17	616	11	621	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
18	617	11	622	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
19	618	11	623	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
20	619	11	624	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
21	620	11	625	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
22	621	11	626	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
23	622	11	627	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
24	623	11	628	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
25	624	11	629	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
26	625	11	630	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
27	626	11	631	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
28	627	11	632	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
29	628	11	633	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
30	629	11	634	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
31	630	11	635	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
32	631	11	636	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
33	632	11	637	1000	6	51	001	000	03	00	00.0	1008	11	0017	0034	0025	01	5.0	1			(C)	
34	633	11	638	1000	6	51																	

Colonyx variegatus

		Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17	8-16	11-14	14	20	21-23	24	27-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45
12	3-5	17																					

01-10-1971

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	235	♂	7	8-10	11-14	15-20	21-23	24	27	28-29	30-32	33-34	35	36-39	40-48	49-52	53-55	56-58	59-60		
16	246	♂	1	6-8	2-4	6-10	6-8	0-3	0-1	2-4	8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	247	♂	1	6-8	2-4	6-10	6-8	0-3	0-1		8	21	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	248	♂	1	6-8	2-4	6-10	6-8	0-3	0-1		8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	250	♂	1	6-8	2-4	6-10	6-8	0-3	0-1	2-4	8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	251	♂	1	6-8	2-4	6-10	6-8	0-3	0-1		8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	252	♂	1	6-8		6-10	6-8	0-3	0-1		8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	254	♂	1	6-7	0-3	6-10	6-8	0-3	0-1		8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	258	♂	1	6-7	0-3	6-10	6-8	0-3	0-1	2-4	8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	259	♂	1	6-7	0-3	6-10	6-8	0-3	0-1	2-4	8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15
16	260	♂	1	6-7	0-3	6-10	6-8	0-3	0-1		8	11	11	6-7	6-8	6-8	11-15	2-4		10-15	12-15

COLEONYX VARIEGATUS

[illegible]

COLEONYX VARIEGATUS

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	317	1	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	315	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	313	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	311	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	310	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	307	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	306	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	304	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	303	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	302	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	301	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	300	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	299	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	298	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	297	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	296	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	295	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	294	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	293	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	292	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	291	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
16	290	1	1	10	11	12															

COLL. OF MAMMALS																							
12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells	
16	318	11	1	1	19.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	320	11	1	1	20.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	322	11	1	1	20	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	323	11	1	1	20.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	324	11	1	1	20	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	327	11	1	1	20.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	328	11	1	1	20.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	329	11	1	1	19.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	330	11	1	1	20.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	331	11	1	1	20.5	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		
16	334	11	1	1	21.0	0	11/12/3	0	300	0	45	0	1	1	1	1	1	1	1	1	1		

COLEOPTERUS VARIEGATUS

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	355	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	343	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	344	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	345	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	346	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	347	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	348	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	349	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	350	1	♂	7	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38

12	Species No.
13	Animal No.
14	Sex
15	Age
16	S-V length
17	Time
18	Date
19	Locality
20	Elevation
21	Habitat
22	Temperature
23	Breeding Color
24	Sperm
25	Epididymis
26	Left testis volume
27	Rt. testis volume
28	Condition
29	Sem. tubule diameter
30	Sem. epithelial height
31	Interstitial cell nuclear diam.
32	Epid. epith. height
33	Sertoli cells

COLEOPTERX VARIEGATUS

	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm
	Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells

Dipsosaurus dorsalis

Dipsosaurus dorsalis

DIPSOSAURUS DORSALIS

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
13	611	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
14	612	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
15	613	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
16	614	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
17	615	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
18	616	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
19	617	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
20	618	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	
21	619	11	100	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	

Dipodomys deserti

[illegible]

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	355	17	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
13	356	18	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
14	357	19	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
15	358	20	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
16	359	21	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
17	360	22	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
18	361	23	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
19	362	24	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
20	363	25	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
21	364	26	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
22	365	27	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
23	366	28	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
24	367	29	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
25	368	30	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
26	369	31	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
27	370	32	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
28	371	33	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
29	372	34	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30	373	35	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
31	374	36	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
32	375	37	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
33	376	38	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
34	377	39	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
35	378	40	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40

DIPSOSAURUS DORSALIS

DIPSOSAURUS DORSALIS																															
	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells									
12	3-5	17	8-10	11-14	15	-	20	21-23	24	-	27, 28, 29	30-32	33, 34	35	36	-	39	40	-	43	44, 45	-	49	49	-	52	53-55	56-58	59		
13	0611	11	1	2	6	16	1	604	66	61	51	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
15	06	12	15	69.5	10	10	59	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
15	064	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
15	065	12	10	69.5	10	10	59	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
15	066	11	12	68.5	10	10	59	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
15	067	1	2	68.4	69.30	0	12	63.9	60.7	61.1	61.5	61.8	62.1	62.4	62.7	63.0	63.3	63.6	63.9	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3	66.6	66.9	67.2	
15	068	12	68.5	100.5	0	12	63.9	60.7	61.1	61.5	61.8	62.1	62.4	62.7	63.0	63.3	63.6	63.9	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3	66.6	66.9	67.2	67.5	
15	069	12	11.2	16.50	0	12	63.9	60.7	61.1	61.5	61.8	62.1	62.4	62.7	63.0	63.3	63.6	63.9	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3	66.6	66.9	67.2	67.5	
15	072	12	67.4	16.48	0	12	63.9	60.7	61.1	61.5	61.8	62.1	62.4	62.7	63.0	63.3	63.6	63.9	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3	66.6	66.9	67.2	67.5	

DIPSOSAURUS DORSALIS

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
15	1088	12	1078	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1089	12	1079	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1090	12	1080	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1091	12	1081	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1092	12	1082	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1093	12	1083	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1094	12	1084	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1095	12	1085	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1096	12	1086	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1097	12	1087	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1098	12	1088	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1099	12	1089	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1100	12	1090	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1101	12	1091	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1102	12	1092	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
15	1103	12	1093	11	14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39

12	112	11	117	18-16	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																										
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells																																																																																						
15	118	11	119	1508	1111	20	24	29	35	41	48	51	62	72	81	92	102	112	122	132	142	152	162	172	182	192	202	212	222	232	242	252	262	272	282	292	302	312	322	332	342	352	362	372	382	392	402	412	422	432	442	452	462	472	482	492	502	512	522	532	542	552	562	572	582	592	602	612	622	632	642	652	662	672	682	692	702	712	722	732	742	752	762	772	782	792	802	812	822	832	842	852	862	872	882	892	902	912	922	932	942	952	962	972	982	992	1002
15	119	11	120	1509	1112	20	24	29	35	41	48	51	62	72	81	92	102	112	122	132	142	152	162	172	182	192	202	212	222	232	242	252	262	272	282	292	302	312	322	332	342	352	362	372	382	392	402	412	422	432	442	452	462	472	482	492	502	512	522	532	542	552	562	572	582	592	602	612	622	632	642	652	662	672	682	692	702	712	722	732	742	752	762	772	782	792	802	812	822	832	842	852	862	872	882	892	902	912	922	932	942	952	962	972	982	992	1002
15	120	11	121	1510	1113	20	24	29	35	41	48	51	62	72	81	92	102	112	122	132	142	152	162	172	182	192	202	212	222	232	242	252	262	272	282	292	302	312	322	332	342	352	362	372	382	392	402	412	422	432	442	452	462	472	482	492	502	512	522	532	542	552	562	572	582	592	602	612	622	632	642	652	662	672	682	692	702	712	722	732	742	752	762	772	782	792	802	812	822	832	842	852	862	872	882	892	902	912	922	932	942	952	962	972	982	992	1002
15	121	11	122	1511	1114	20	24	29	35	41	48	51	62	72	81	92	102	112	122	132	142	152	162	172	182	192	202	212	222	232	242	252	262	272	282	292	302	312	322	332	342	352	362	372	382	392	402	412	422	432	442	452	462	472	482	492	502	512	522	532	542	552	562	572	582	592	602	612	622	632	642	652	662	672	682	692	702	712	722	732	742	752	762	772	782	792	802	812	822	832	842	852	862	872	882	892	902	912	922	932	942	952	962	972	982	992	1002

[illegible]

DIPSOSAURUS DORSALIS

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	1	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-39	40-41	42-43	44-45	46-49	50-51	52-53	54-55	56-59
15	199	1	1	13.5	1130	6.5.1966	604	14	01		811	1	0.54	1.0	1.0	1	92.7	0.5	0.8	0.3	2
15	201	1	1	11.2	1130	6.5.1966	604	01	01		811	1	0.03	0.04	0.05	2	36.0	0.8	0.3	0.3	1
15	202	1	1	11.9	1130	6.5.1966	604	01	01		811	1	0.13	0.15	0.15	1	60.6	0.4	0.3	0.3	2
15	203	1	1	12.1	1045	6.5.1966	604	01	01		811	1	0.25	0.25	0.25	1					46.2
15	204	1	1	12.0	1110	6.5.1966	604	14	01		811	1	0.11	0.11	0.11	1					
15	205	1	1	12.4		6.5.2.60	601	14	01		811	1	0.57	0.57	0.57	2	13.9	0.4	0.3	0.3	2
15	206	1	1	13.1	1130	6.5.2.60	607	14	01		811	1	0.95	0.95	0.95	1	29.5	0.3	0.3	0.3	2
15	207	1	1	13.6	1135	6.5.2.60	607	14	01		811	1	0.63	0.63	0.63	1					2
15	208	1	1	13.0	1140	6.5.2.60	607	14	01		811	1	0.44	0.44	0.44	1					56.1
15	209	1	1	13.7	1145	6.5.2.60	607	14	01		811	1	0.31	0.31	0.31	1					39.6

(E1)

(E4)

(E3)

(E2)

(E1)

[illegible]

1. The first part of the paper is devoted to a general discussion of the problem of the origin of life. It is shown that the problem is not only a scientific one, but also a philosophical one. The scientific aspect of the problem is concerned with the question of how life arose from non-life. The philosophical aspect is concerned with the question of whether life is a necessary part of the universe or whether it is a mere accident.

2. In the second part of the paper, the author discusses the various theories of the origin of life. He shows that the most plausible theory is the theory of spontaneous generation. This theory holds that life arose from non-life through a series of chemical reactions. The author also discusses the theory of panspermia, which holds that life was brought to Earth from elsewhere in the universe.

3. In the third part of the paper, the author discusses the evidence for the origin of life. He shows that the evidence is in favor of the theory of spontaneous generation. This evidence includes the discovery of the first fossil, the discovery of the first micro-organism, and the discovery of the first chemical reaction that leads to the formation of life.

4. In the fourth part of the paper, the author discusses the implications of the origin of life. He shows that the origin of life has important implications for our understanding of the universe. It shows that life is not a mere accident, but a necessary part of the universe. It also shows that the universe is not a static entity, but a dynamic one that is constantly changing.

5. In the fifth part of the paper, the author discusses the future of the study of the origin of life. He shows that there is still much to be learned about the origin of life. He also shows that the study of the origin of life is a very exciting and challenging field of research.

6. In the sixth part of the paper, the author discusses the conclusion of his study. He shows that the origin of life is a very complex and interesting problem. He also shows that the study of the origin of life is a very important and challenging field of research.

7. In the seventh part of the paper, the author discusses the bibliography of his study. He shows that there is a large amount of literature on the origin of life. He also shows that the study of the origin of life is a very active field of research.

8. In the eighth part of the paper, the author discusses the appendix of his study. He shows that the appendix contains a list of the names of the people who have contributed to the study of the origin of life. He also shows that the appendix contains a list of the names of the institutions that have supported the study of the origin of life.

9. In the ninth part of the paper, the author discusses the index of his study. He shows that the index contains a list of the names of the people who have contributed to the study of the origin of life. He also shows that the index contains a list of the names of the institutions that have supported the study of the origin of life.

10. In the tenth part of the paper, the author discusses the conclusion of his study. He shows that the origin of life is a very complex and interesting problem. He also shows that the study of the origin of life is a very important and challenging field of research.

11. In the eleventh part of the paper, the author discusses the bibliography of his study. He shows that there is a large amount of literature on the origin of life. He also shows that the study of the origin of life is a very active field of research.

12. In the twelfth part of the paper, the author discusses the appendix of his study. He shows that the appendix contains a list of the names of the people who have contributed to the study of the origin of life. He also shows that the appendix contains a list of the names of the institutions that have supported the study of the origin of life.

13. In the thirteenth part of the paper, the author discusses the index of his study. He shows that the index contains a list of the names of the people who have contributed to the study of the origin of life. He also shows that the index contains a list of the names of the institutions that have supported the study of the origin of life.

14. In the fourteenth part of the paper, the author discusses the conclusion of his study. He shows that the origin of life is a very complex and interesting problem. He also shows that the study of the origin of life is a very important and challenging field of research.

DIPSOSAURINE DORSALIS

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33	34	35	36-39	40-43	44-45	46-49	50-52	53-55	56-58	59
13	221	1	1	13.3	12.4	6.9	26.3	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	2
14	230	1	1	13.6	14.0	7.0	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	2
15	228	1	1	13.0		6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	2
16	221	1	2	13.9	11.5	6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	1
17	231	1	2	11.0	12.4	6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	2
18	232	1	1	11.8	13.0	6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	
19	233	1	1	12.1	13.0	6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	
20	234	1	1	12.4	13.5	6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	
21	235	1	2	10.3	12.3	6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	
22	237	1	1	12.5	14.0	6.9	26.6	29.1	29.1	15.7	19.1	2.8	11	6.9	15.7	6.9	16.4	0.6	5.3	0.5	2

12	3-5	6	7	8-16	11-14	15-20	21-23	24-27	27-28	29-32	33-34	35-36	37-40	41-43	44-45	46-49	50-52	53-55	56-58	59-60	
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
15	248	11	12	13	1315	60700	00401	7501	416	311	01670	100	02040	05411	0603	3631	(E3)				
15	247	11	12	13	1340	60700	00401	7501	416	311	02560	087	02364	05108	0603	3701	(E6)				
15	246	11	12	13	1335	60700	00401	7501	416	311	01800	057	01800	05108	0603	3701	(E3)				
15	245	11	12	13	1325	60700	00401	7501	416	311	02200	060	02200	05108	0603	3701	(E3)				
15	244	11	12	13	1315	60700	00401	7501	416	311	02900	074	02900	05411	0603	3701	(E2)				
15	243	11	12	13	1255	60700	00401	7501	416	311	02000	045	02000	05108	0603	3701	(E2)				
15	242	11	12	13	1255	60700	00401	7501	416	311	02000	045	02000	05108	0603	3701	(E2)				
15	241	11	12	13	1255	60700	00401	7501	416	311	02000	045	02000	05108	0603	3701	(E2)				
15	240	11	12	13	1255	60700	00401	7501	416	311	02000	045	02000	05108	0603	3701	(E2)				
15	239	11	12	13	1245	60700	00401	7501	416	311	02000	045	02000	05108	0603	3701	(E2)				
15	238	11	12	13	1245	60700	00401	7501	416	311	02000	045	02000	05108	0603	3701	(E2)				

DIPSOSAURUS DORSALIS

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1	2	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-32	33-34	35-36	37-39	40-43	44-48	49-52	53-55	56-59					
Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
15	249	11	136			12.5	6:24	65	704	29	73	51	9	15	8	11	7.9	5	618	1.5	0.1	1.2	1
15	250	11	140			14.5	6:57	65	604	29	73	51	9	15	8	11	7.9	5	618	1.5	0.1	1.2	1
15	252	11	136			17.4	6:40	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.3	8.0	2
15	253	11	105			6:10	6:00	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.6	1	1
15	254	11	120			6:55	6:04	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.6	1	1
15	256	11	106			6:40	6:00	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.6	1	1
15	257	11	138			6:45	6:00	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.6	1	1
15	258	11	122			6:00	6:00	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.6	1	1
15	259	12	107			6:15	6:00	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.6	1	1
15	261	11	138			6:40	6:00	60	603	29	73	51	9	15	8	11	7.9	5	618	1.5	0.6	1	1

DIPSOSAURUS DORSALIS

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-5	277	1	1	158	10:00	2-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	278	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	279	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	280	1	1	137	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	281	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	282	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	283	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	284	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	285	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	286	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	287	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	288	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	289	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2
12-3-5	290	1	1	150	11:00	6-10-5	27	14	1500	45.1	4.5	11	1	0.914	0.63	61	48.5	0.3	3.0		2

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-5	1117	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
13-272	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-277	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-278	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-300	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-301	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-302	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-303	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-304	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-305	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-306	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-307	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13-308	1117	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

DIPSOCAULUS DORSALIS

DIPLOSOMURUS DORSALIS																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	320	1	1	122																	1
13	319	1	1	113																	1
14	318	1	1	105																	1
15	317	1	1	103																	1
16	316	1	1	104																	1
17	315	1	1	125																	1
18	312	1	1	117																	1
19	313	1	1	127																	1
20	314	1	1	100																	1
21	311	1	1	100																	1
22	312	1	1	117																	1
23	312	1	1	117																	1
24	312	1	1	117																	1
25	312	1	1	117																	1
26	312	1	1	117																	1
27	312	1	1	117																	1
28	312	1	1	117																	1
29	312	1	1	117																	1
30	312	1	1	117																	1
31	312	1	1	117																	1
32	312	1	1	117																	1
33	312	1	1	117																	1
34	312	1	1	117																	1
35	312	1	1	117																	1
36	312	1	1	117																	1
37	312	1	1	117																	1
38	312	1	1	117																	1
39	312	1	1	117																	1
40	312	1	1	117																	1
41	312	1	1	117																	1

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-55	1111	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
13-3-55	1112	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
14-3-55	1113	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
15-3-55	1114	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
16-3-55	1115	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
17-3-55	1116	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
18-3-55	1117	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
19-3-55	1118	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
20-3-55	1119	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
21-3-55	1120	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
22-3-55	1121	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
23-3-55	1122	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
24-3-55	1123	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
25-3-55	1124	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
26-3-55	1125	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
27-3-55	1126	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
28-3-55	1127	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
29-3-55	1128	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	49	52	53-55	56-59	59
30-3-55	1129	♂	1-6			8-10	20-21-23	24-27	1824	34-36	33	34	35	36	39	46	4				

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
15-357	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-358	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-359	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-360	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-361	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-362	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-363	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-364	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-365	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-366	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-367	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-368	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-369	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-370	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-371	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-372	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-373	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-374	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-375	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15-376	111	121				11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37

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12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	395	11	1	1	118	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
13	396	11	1	1	111	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
14	397	12	1	1	111	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
15	398	11	1	1	126	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
16	399	11	1	1	128	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
17	400	12	1	1	123	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
18	401	11	1	1	144	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
19	402	11	1	1	132	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
20	403	11	1	1	129	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
21	404	11	1	1	123	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43
22	405	11	1	1	118	1310	6/10/61	609	24	2500	28.5	33	34	35	36	37	38	39	40	41	42	43

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	17	5-16	11-14	15	20	21-23	24-27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44
13	316	11125					51661	68	14	01		8	1	15.65	6.25	6.1	5.1	04.5	06.3		2	
18	111	11125					51661	68	14	01		8	1	16.43	6.43			8.74	05.28	04.2		2
15	311	11125					51661	68	14	01		8	2	26.65	11.37					06.3		2
18	411	11125					51661	68	14	01		8	2	26.65	11.37			34.60	03.0	06.3		2
15	4104	11120					51661	68	14	01		8	2	26.65	11.37			02.6		06.3		1
15	415	11121					51661	68	14	01		8	2	26.65	11.37			70.9	04.65	06.4		1
15	416	11129					51661	68	14	01		8	2	26.65	11.37			55.1	03.53			1
15	412	11134					51661	68	03	00	01	8	1	16.14	6.26	6.1	64.1	03.63	06.3	39.62		(E2)
15	414	11134					51661	68	03	00	01	8	1	16.14	6.26	6.1	92.1	04.95				

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	915	1	1	10.5	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
13	916	1	1	10.6	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
14	917	1	1	10.7	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
15	918	1	1	10.8	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
16	919	1	1	10.9	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
17	920	1	1	11.0	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
18	921	1	1	11.1	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
19	922	1	1	11.2	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
20	923	1	1	11.3	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
21	924	1	1	11.4	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
22	925	1	1	11.5	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
23	926	1	1	11.6	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
24	927	1	1	11.7	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
25	928	1	1	11.8	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
26	929	1	1	11.9	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
27	930	1	1	12.0	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
28	931	1	1	12.1	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
29	932	1	1	12.2	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
30	933	1	1	12.3	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
31	934	1	1	12.4	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
32	935	1	1	12.5	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
33	936	1	1	12.6	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
34	937	1	1	12.7	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
35	938	1	1	12.8	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
36	939	1	1	12.9	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
37	940	1	1	13.0	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
38	941	1	1	13.1	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
39	942	1	1	13.2	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
40	943	1	1	13.3	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
41	944	1	1	13.4	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
42	945	1	1	13.5	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
43	946	1	1	13.6	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
44	947	1	1	13.7	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
45	948	1	1	13.8	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
46	949	1	1	13.9	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
47	950	1	1	14.0	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
48	951	1	1	14.1	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
49	952	1	1	14.2	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
50	953	1	1	14.3	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
51	954	1	1	14.4	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
52	955	1	1	14.5	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
53	956	1	1	14.6	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
54	957	1	1	14.7	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
55	958	1	1	14.8	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
56	959	1	1	14.9	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
57	960	1	1	15.0	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38

[illegible]

12	3-5.5	17	8-16	11-14	15-20	21-23	24-27	28-32	33-34	35-36	37-39	40-43	44-49	50-52	53-55	56-59	60						
Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
15	465	11	117	1025	6/19/61	00401	00401	75	01	8	11	0257	62	10.2	05	6.8	06.3	49.5	1				
15	464	12	111	1030	6/19/61	00404	00404	75	01	8	11	0694	6	141	71	88.1	09	5.9	06.3	1			
15	463	11	132		6/19/61	00404	00404	75	01	8	11	0132	0	1033									
15	462	11	122	1031	6/19/61	10409	00409	75	01	8	11	0203	0	181	71	71.6	09	8.2	06.3	49.5	1		
15	461	11	133	1047	6/19/61	00404	00404	75	01	8	11	0114	0	101	72	62.0	09	5.9	06.3	20.4	1		
15	458	11	117	0835	6/19/61	00404	00404	75	01	8	2	0090	0	001	81	00.0							
15	459	11	120	0605	6/19/61	00404	00404	75	01	8	11	0153	0	236	62	10.5	09	9.5	06.3	33.0	1		
15	457	11	122	0825	6/19/61	00404	00404	75	01	8	2	0011	0	055	71	71.6	03	9.7	06.3				
15	456	11	131	1040	6/19/61	00404	00404	75	01	8	11	0410	0	000	72	04.0	03	7.9					

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells																																																													
12-3-5	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-492	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-493	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-494	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-495	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-496	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-497	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-498	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-499	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15-500	111	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

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12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-5			1	7	5-16	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35-36	37-39	40-46	47-52	53-55	56-58	59-61	62-64	65-67	
13	501	11140	1	140		10:00	12-2-61	003	000	01	42.8	11	119	10.112	7	113.1	02	8.8	06.3		1	
13	502	11212	1	121		11:30	12-3-61	004	000	01		52	2009	0014	0011.6					1		
15	503	12165	1	165		10:10	12-3-61	005	000	01		82	1607	0007	0052.5					1		
15	504	11160	1	160		10:30	12-3-61	006	000	01		81	0178	0124	00160.4	04	5.9	06.3	330	1		
15	505	11165	1	165		10:10	12-3-61	007	000	01		82	1607	0007	0052.5					1		
15	507	12105	1	105		08:15	12-6-61	009	000	01	46.0	82	2007	0007	0051.1					1		
15	508	12100	1	100		09:20	12-6-61	008	000	01	43.8	82	2008	0010	0020.4					1		
15	509	12102	1	102		09:35	12-6-61	010	000	01	44.0	82	2008	0011	0054.4					1		
15	511	12100	1	100			12-15-61	012	000	01		82	2010	0011	0065.0					1		
15	514	11126	1	126			12-14-61	005	002	38	01		82	2009	0009	0054.8	018.5				1	

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	515	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
13	516	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
14	517	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
15	518	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
16	519	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
17	520	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
18	521	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
19	522	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
20	523	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
21	524	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
22	525	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
23	526	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
24	527	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
25	528	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	
26	529	1111					8/14/61	0057	0058	01		822	0057	0058	014	0059	80	82.8	06.3		1	

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	355	♂	7	8-10	11-14	15	-	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
15	341	♂	1	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1
15	344	♂	1	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1
15	345	♂	1	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	2
15	346	♂	1	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1
15	347	♂	1	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1
15	348	♂	1	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1
15	349	♂	1	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1
15	350	♂	1	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1
15	351	♂	1	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	2
15	352	♂	1	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1
15	353	♂	1	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1

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12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis	volume	Rt. testis	volume	Condition	Sem. tubule	diameter	Sem. epithelial	height	Interstitial cell	nuclear diam.	Epid. epith.	height	Sertoli cells
15	554	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	555	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	556	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	557	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	558	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	559	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	560	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	561	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	562	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	563	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	564	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	565	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	566	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	567	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	568	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	569	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	570	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	571	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15	572	111	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

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	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	574	11	1003																			
13	574	11	1003																			
14	574	11	1003																			
15	574	11	1003																			
16	574	11	1003																			
17	574	11	1003																			
18	574	11	1003																			
19	574	11	1003																			
20	574	11	1003																			
21	574	11	1003																			
22	574	11	1003																			
23	574	11	1003																			
24	574	11	1003																			
25	574	11	1003																			
26	574	11	1003																			
27	574	11	1003																			
28	574	11	1003																			
29	574	11	1003																			
30	574	11	1003																			
31	574	11	1003																			
32	574	11	1003																			
33	574	11	1003																			
34	574	11	1003																			
35	574	11	1003																			
36	574	11	1003																			
37	574	11	1003																			
38	574	11	1003																			
39	574	11	1003																			
40	574	11	1003																			
41	574	11	1003																			
42	574	11	1003																			
43	574	11	1003																			
44	574	11	1003																			
45	574	11	1003																			
46	574	11	1003																			
47	574	11	1003																			
48	574	11	1003																			
49	574	11	1003																			
50	574	11	1003																			
51	574	11	1003																			
52	574	11	1003																			
53	574	11	1003																			
54	574	11	1003																			
55	574	11	1003																			
56	574	11	1003																			
57	574	11	1003																			
58	574	11	1003																			
59	574	11	1003																			
60	574	11	1003																			
61	574	11	1003																			
62	574	11	1003																			
63	574	11	1003																			
64	574	11	1003																			
65	574	11	1003																			
66	574	11	1003																			
67	574	11	1003																			
68	574	11	1003																			
69	574	11	1003																			
70	574	11	1003																			
71	574	11	1003																			
72	574	11	1003																			
73	574	11	1003																			
74	574	11	1003																			
75	574	11	1003																			
76	574	11	1003																			
77	574	11	1003																			
78	574	11	1003																			
79	574	11	1003																			
80	574	11	1003																			
81	574	11	1003																			
82	574	11	1003																			
83	574	11	1003																			
84	574	11	1003																			
85	574	11	1003																			
86	574	11	1003																			
87	574	11	1003																			
88	574	11	1003																			
89	574	11	1003																			
90	574	11	1003																			
91	574	11	1003																			
92	574	11	1003																			
93	574	11	1003																			
94	574	11	1003																			
95	574	11	1003																			
96	574	11	1003																			
97	574	11	1003																			
98	574	11	1003																			
99	574	11	1003																			
100	574	11	1003																			

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells				
12	585	6	7	8-10	11-14	15-20	21-23	24	27	28-29	30-32	33-34	35	36-39	40-43	44-45	46-49	50-52	53-55	56-58	59				
13	589	1	1	10			66	7	14	00	01		02	01	02					26.4	(27)				
14	592	1	3	10.5			66	1	14	00	01		01	01	04										
15	591	1	2	11			66	1	11	00	01		02	01	02	01	03.0				1				
16	572	1	1	12.5			66	7	14	00	01		02	01	03	4	12.1	04	1.7	64.3	1				
17	593	1	1	13.0			66	6	2	00	01		02	01	04	4	12.1	03	7.0	64.3	1				
18	594	1	1	13.5			66	6	2	00	01		02	01	06	2	1	05.6	02	0.4	64.3	1			
19	596	1	1	12.5			66	1	14	00	01		02	01	08	3	9	1	25.7	64.3	1				
15	597	1	1	13.1			66	7	14	00	01		1	1	06	4	1	86.4	04	9.2	23.1	2			
15	599	1	1	12.5			66	5	6	02			02	2	18	1	0	2	13	5	1	91.4	05	05	2
15	600	1	1	12.7			66	7	14	00	01		02	2	03	03	0	3	03	5	1	51.8	07	9.6	2

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	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells		
12	3-5	67	8-16	11-14	15	20	21-23	24	27	2829	30-32	33	34	35	26	39	46	48	49	49	52	53-55	56-59	59
13	62	111135					6-6-6	017	14	00	11	11	11	11	0022	0033	01	64.3	1.12		3.6	2		
14	631	111130					6-6-6	011	00	14	14	14	14	14	0047	005	80	72.3		06.3	1			
15	636	111137					6-6-6	013	00	14	14	14	14	14	0056	006	61	65.7	4.2	06.3	42.9	2		
16	639	121114					6-6-6	011	00	14	14	14	14	14	0011	008	01	65.0	7.8			1		
17	647	111103					6-6-6	014	00	14	14	14	14	14	0010	000								
18	628	111119					0245	009	00	01	06	01	01	01	0009	004	61	72.3	044.9	06.3		2		
19	649	111113					0810	009	00	01	04	04	04	04	0030	000	61	75.9	0502			1		
20	632	111108					0852	009	00	01	04	05	05	05	0022	000	61	62.4	034.3			2		
21	633	111115					0350	009	00	01	03	03	03	03	0024	003	61	60.6	035.0					
22	634	111115					0850	009	00	01	03	03	03	03	004	003	71	74.9	041.2			2		

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis	volume	Rt. testis	volume	Condition	Sem. tubule	diameter	Sem. epithelial	height	Interstitial cell	nuclear diam.	Epid. epith.	height	Sertoli cells
12	3-5	67	7	8-10	11-14	15	-	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
15	6435	11	12	5	11	15	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6436	12	11	10	11	15	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6437	11	11	10	11	15	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6438	11	11	10	11	15	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6439	11	11	10	11	15	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6440	11	12	0	11	15	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6441	11	11	11	7	0845	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6442	11	11	10	7	1630	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6443	11	11	11	8	0715	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6444	11	11	11	8	0715	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6445	11	11	11	8	0720	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6446	11	11	12	0	0715	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6447	11	11	12	0	0730	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
15	6448	11	11	12	0	0730	20	21	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	644	1	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35	36-39	40-41	42-43	44-45	46-49	50-51	52-53	54-55	56-59
15	649	1	1	12.2	17.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	650	1	1	12.5	18.0	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	652	1	1	12.4	18.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	653	1	1	12.4	18.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	654	1	1	12.4	18.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	655	1	1	12.4	18.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	656	1	1	12.4	18.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	657	1	1	12.4	18.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	658	1	1	12.3	18.0	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	659	1	2	11.0	16.0	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	660	1	1	12.9	18.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	661	1	1	12.0	11.0	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1
15	662	1	1	12.2	11.5	7/1/62	1007	14	01	46.8	11	0.147	0.147	0.147	0.147	71	0.2.0	0.4	26.3	31.6	1

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	661	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
13	662	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
14	663	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
15	664	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
16	665	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
17	666	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
18	667	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
19	668	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
20	669	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
21	670	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
22	671	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
23	672	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
24	673	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
25	674	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
26	675	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
27	676	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
28	677	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
29	678	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
30	679	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
31	680	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
32	681	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1
33	682	1	1	11.2	11-14	1970	11-23	24	27	1529	26	11.5	11.2	0.195	1.00	0.71	70.2	0.1	0.3	0.3	1

DIPSOSAURUS DORSALIS

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	684	12110				1106	1962	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	685	12110				1107	1962	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	686	12110				1107	1962	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
12	687	12110				1107	1962	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	688	12110				1107	1962	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	691	12110				1110	1962	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	694	12123				1695	1963	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	696	12122				1030	1963	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	698	12133				1126	1963	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	
15	699	12128				1140	1963	037	14	0001	14	12	13	14	15	16	17	18	19	20	21	

	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm
	Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells

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PHRYNOSOMA M'LENN

12	Species No.
3-15	Animal No.
67	Sex
7	Age
8-10	S-V length
11-14	Time
15	Date
20	Locality
21-23	Elevation
24	Habitat
27	Temperature
28-29	Breeding Color
30-32	Sperm
33-35	Epididymis
36	Left testis
39	volume
42	Rt. testis
43	volume
44	Condition
45	Sem. tubule
48	diameter
49	Sem. epithelial
52	height
53-55	Interstitial cell
56	nuclear diam.
57-59	Epid. epith.
60	height
60	Sertoli cells

Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells								
12	3-5	67	12	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
13	6-9	11	12	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
14	10-12	13	14	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
15	13-15	15	16	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
16	16-18	17	18	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
17	19-21	19	20	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
18	22-24	21	22	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
19	25-27	23	24	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
20	28-30	25	26	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
21	31-33	27	28	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
22	34-36	29	30	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
23	37-39	31	32	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
24	40-42	33	34	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
25	43-45	35	36	7	8-10	11	14	15	20	21-23	24	27	28	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
26	46-48	37	38	7	8-10	11	14	15	20	21-23	24																				

PHRINOCCOMA MCCALLI																																
12	3-5	67	12	7	8-10	11	14	15	20	21-23	24	27	28	29	30	32	33	34	35	36	39	41	43	49	49	52	53	55	56	58	59	60
Species No.																																
Animal No.																																
Sex																																
Age																																
S-V length																																
Time																																
Date																																
Locality																																
Elevation																																
Habitat																																
Temperature																																
Breeding Color																																
Sperm																																
Epididymis																																
Left testis volume																																
Rt. testis volume																																
Condition																																
Sem. tubule diameter																																
Sem. epithelial height																																
Interstitial cell nuclear diam.																																
Epid. epith. height																																
Sertoli cells																																

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15	Date
20	Locality
21-23	Elevation
24-27	Habitat
28-32	Temperature
33-34	Breeding Color
35	Sperm
36	Epididymis
37-39	Left testis volume
40-43	Rt. testis volume
44-45	Condition
46-49	Sem. tubule diameter
50-52	Sem. epithelial height
53-55	Interstitial cell nuclear diam.
56-58	Epid. epith. height
59	Sertoli cells

PHRYNOSOMA M'CALLI

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	156	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	157	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	158	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	159	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	160	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	161	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	162	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	163	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	164	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	165	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	166	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	167	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	168	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	169	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	170	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	171	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	172	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	173	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	174	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	175	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	176	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	177	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	178	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	179	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	180	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	181	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	182	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	183	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	184	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	185	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	186	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	187	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	188	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	189	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	190	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	191	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	192	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	193	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	194	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	195	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	196	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	197	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	198	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	199	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
12	200	1	1	10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38

W.C. BAKER

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
12	3-5	1	7	5-16	11-14	15	-	20	21-23	24-	27	28-29	30-32	33	34	35	36	37	38	39	40
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PHRYNOSOMA MCALLI

12	Species No.
13	Animal No.
14	Sex
15	Age
16	S-V length
17	Time
18	Date
19	Locality
20	Elevation
21	Habitat
22	Temperature
23	Breeding Color
24	Sperm
25	Epididymis
26	Left testis volume
27	Rt. testis volume
28	Condition
29	Sem. tubule diameter
30	Sem. epithelial height
31	Interstitial cell nuclear diam.
32	Epid. epith. height
33	Sertoli cells

	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm
	Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells

	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm
	Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells

SAURONMUS OBESUS

SAUROMALUS OBESUS

[illegible]

[illegible]

SAURONALIS OTTENS																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
17	033	1	1	14		17	13	28	6007		22	0.441	0.185								
17	034	1	1	14		17	13	28	6007		22	0.275	0.110								
17	035	1	1	16		17	13	28	6007		22	0.275	0.110								
17	036	1	1	17	12:55	08:16	20	13	28	6007		22	0.275	0.110							
17	037	1	1	17	12:55	08:16	20	13	28	6007		22	0.275	0.110							
17	038	1	1	17	12:55	08:16	20	13	28	6007		22	0.275	0.110							
17	039	1	1	20		05:06	20	13	28	6007		22	0.275	0.110					06.6		1
17	040	1	1	17	11:15	06:56	20	13	28	6007	8/1	0.282	0.162	61	62.5	0.4	1.6	06.3			1
17	041	1	1	15	18:00	08:16	20	13	28	6007	8/21	0.282	0.162	61	51.7	0.3	3.5	06.3			2
17	042	1	1	17	18:50	08:16	20	13	28	6007	8/21	0.261	0.149	61	58.4				04.2		1

(33)

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	8-16	11-14	15-20	21-23	24-27	28-32	32-37	38-42	43-47	48-52	53-55	56-59	60					
17	645	1	1	20		26	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	646	1	1	13		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	647	1	1	14		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	650	1	1	13		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	651	1	1	15		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	652	1	1	16		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	653	1	1	17		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	654	1	1	17		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	655	1	1	18		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1
17	656	1	1	20		30	21	26	27		31	31	31	39	44	43	44	49	51	51	1

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15-20	Date
21-23	Locality
24-27	Elevation
28-32	Habitat
33-35	Temperature
36-39	Breeding Color
40-43	Sperm
44-47	Epididymis
48-51	Left testis volume
52-55	Rt. testis volume
56-59	Condition
60-63	Sem. tubule diameter
64-67	Sem. epithelial height
68-71	Interstitial cell nuclear diam.
72-75	Epid. epith. height
76-79	Sertoli cells
17665	11117
17666	11118
17667	11119
17668	11120
17669	11121
17670	11122
17671	11123
17672	11124
17673	11125
17674	11126
17675	11127
17676	11128
17677	11129
17678	11130
17679	11131
17680	11132
17681	11133
17682	11134
17683	11135
17684	11136
17685	11137
17686	11138
17687	11139
17688	11140
17689	11141
17690	11142
17691	11143
17692	11144
17693	11145
17694	11146
17695	11147
17696	11148
17697	11149
17698	11150
17699	11151
17700	11152
17701	11153
17702	11154
17703	11155
17704	11156
17705	11157
17706	11158
17707	11159
17708	11160
17709	11161
17710	11162
17711	11163
17712	11164
17713	11165
17714	11166
17715	11167
17716	11168
17717	11169
17718	11170
17719	11171
17720	11172
17721	11173
17722	11174
17723	11175
17724	11176
17725	11177
17726	11178
17727	11179
17728	11180
17729	11181
17730	11182
17731	11183
17732	11184
17733	11185
17734	11186
17735	11187
17736	11188
17737	11189
17738	11190
17739	11191
17740	11192
17741	11193
17742	11194
17743	11195
17744	11196
17745	11197
17746	11198
17747	11199
17748	11200
17749	11201
17750	11202
17751	11203
17752	11204
17753	11205
17754	11206
17755	11207
17756	11208
17757	11209
17758	11210
17759	11211
17760	11212
17761	11213
17762	11214
17763	11215
17764	11216
17765	11217
17766	11218
17767	11219
17768	11220
17769	11221
17770	11222
17771	11223
17772	11224
17773	11225
17774	11226
17775	11227
17776	11228
17777	11229
17778	11230
17779	11231
17780	11232
17781	11233
17782	11234
17783	11235
17784	11236
17785	11237
17786	11238
17787	11239
17788	11240
17789	11241
17790	11242
17791	11243
17792	11244
17793	11245
17794	11246
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17797	11249
17798	11250
17799	11251
17800	11252
17801	11253
17802	

SCALOPORUS MAGISTER

SCeloporus MAGISTER

SCeloporus MACISTER																					
12	3-5	17	8-16	11-14	15	20	21-23	24	27-29	30-32	33-35	36-39	40-46	47-52	53-55	56-59	60				
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
03	061	11	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	062	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	063	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	064	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	065	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	066	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	067	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	068	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	069	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	070	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	071	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	072	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	073	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	074	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	075	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	076	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	077	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	078	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	079	12	109.3	142.8	14.5	1964	261	3500	05		11	0141	0.121	1	187.4	06.34					1
03	080	12	109.3	142.8																	

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SCeloporus MACISTER																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	8-10	11-14	15	-	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37
03	080	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	081	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	082	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	083	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	084	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	085	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	086	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	087	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	088	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	089	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	090	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	091	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	092	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	093	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	094	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	095	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	096	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	097	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	098	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	099	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
03	100	1	1	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

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SCELOPORUS MACISTER

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
03	112	11				13:25	8-20-61								2.74	2.46	1	81.8	0.4			1
03	113	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	114	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	115	11				13:15	8-20-61								2.74	2.46	1	81.8	0.4			1
03	116	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	117	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	118	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	119	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	120	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	121	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	122	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	123	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	124	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	125	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1
03	126	11				13:10	8-20-61								2.74	2.46	1	81.8	0.4			1

Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	5-10	11	14	15	20	11-23	24	27	28.29	30-32	33	34	35	36	39	40	41	42	43	44
03	127	1	1	10.8	0.970	2	22.62	20.6	24	52	10.1	30.0	17.1	1	1	0.205	0.315	61	166	61	7.5		53
03	128	1	1	10.1	0.50	4	42.262	11.6	25	61	10.3	25.5	11	1	1	0.205	0.205	61	166	61	7.5		53
03	129	1	1	10.9	11.6	6	61.2262	6.16	21	68	10.7	26	11	1	1	0.144	0.23	61	173	7	0.9	1.2	
03	130	1	1	11.6	1.45	6	61.2262	6.16	21	6	10.5	14.5	11	1	1	0.181	0.269	61	174	10.4	3.9		
03	131	1	1	12.4	1.215	6	61.2262	6.16	21	61	10.1	13.5	11	1	1	0.428	0.443						
03	132	1	1	11.0	1.220	6	61.2262	6.16	27	60	10.5	13.5	11	1	1	0.394	0.495						
03	133	1	1	10.35	12.10	6	61.2262	6.16	27	56	0.5	12	11	1	1	0.204	0.206	61	188	8	0.5	3.8	
03	134	1	1	10.20	1.240	6	61.2262	6.16	11	58	10.5	13	11	1	1	0.205	0.205	61	136	6	0.6	0.0	
03	135	1	1	10.5	1.25	6	61.2262	6.16	27	56	10.5	13	11	1	1	0.205	0.205	61	150	1	0.1	4.6	
03	136	1	1	11.0	1.355	6	61.2262	6.16	27	61	10.5	13	11	1	1	0.407	0.408						

Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	5-10	11	14	15	20	11-23	24	27	1829	32-32	33	34	35	36	39	40	41	42	43	44
03	127	1	1	108	0930	2	2262	206	24	52	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	128	1	1	101	0950	4	42262	116	25	61	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	129	1	1	109	1110	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	130	1	1	110	1145	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	131	1	1	124	1215	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	132	1	1	110	1220	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	133	1	1	105	1230	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	134	1	1	120	1240	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	135	1	1	105	1250	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55
03	136	1	1	110	1355	6	612262	616	21	68	100	30	17	1	1	0.205	0.215	16	166	6	1	7.5	53-55

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	8-10	11-14	15	20	21-23	24	27	28-29	30	31	32	33	34	35	36	37	38	39
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9			
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1	0.9		2	
03	143	1	1	11.8	15.05	12222	2.2	22	21	2.5	15	1	1	0.45	0.35	61	192.1				

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	8-10	11-14	15	20	21-23	24	27	28-29	30	32	33	34	35	36	37	38	39	40
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20	16.11	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
03	168	1	1	10.5	16.20																

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	8-10	11-14	15-20	21-23	24-27	28-32	33-37	38-40	41-43	44-45	46-49	50-52	53-55	56-58	59-60			
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
03	168	1	1	10.5	16.20	1966.12.1	210	1000	1000												

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	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm
	Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells

Section 23.000000

Sceloporus orcutti

SCELOPORUS ORCUTI

SCHEOPORUS ORCUTI																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	004	11	107	0000	082158	001	12	00	04	00	00	00	00	0014	0012						
01	005	11	106	0000	082158	001	12	00	04	00	00	00	00	0010	0014						
01	006	11	109	0000	082158	001	12	00	04	00	00	00	00	0011	0013						
01	007	11	090	0000	082158	001	12	00	04	00	00	00	00	0007	0012						
01	010	12	083	0000	091258	001	12	00	04	00	00	00	00	0005	0003						
01	011	11	104	0900	091258	001	12	00	04	00	00	00	00	0028	0037						
01	012	11	106	0820	091258	001	12	00	04	00	00	00	00	0024	0027						
01	013	12	080	0720	092758	001	12	00	04	00	00	00	00	0004	0004						
01	015	11	092	1430	011759	001	12	00	04	00	00	00	00	0055	0045						
01	016	11	092	1430	011759	001	12	00	04	00	00	00	00	0078	0091						

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SOLITONUS ORCUTII																											
		Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells				
12	3-5	47	8-16	11-14	15	-	20	21-23	24	-	27	28-29	30-32	33-34	35-36	-	39	40	-	43	44-45	-	49	50-52	53-55	56-58	59
01	019	11	106	1331	0	30359	00112	00	040	00	88	88	0110	0102	31	027.1	15	4.3		14	02						
01	021	11	099	0910	0	41159	00112	00	040	00	88	88	0101	0149	31	152.6	5.5		14.8	1							
01	022	11	101	0925	0	41159	00112	00	040	00	88	88	0075	0081	91	177.4			13.0	1							
01	023	11	110	1345	0	52959	00115	00	040	00	81	11	0113	0134	71	122.0	1	4.6		1							
01	024	11	101	1430	0	52959	00130	00	040	00	81	11	0169	0174	61	186.5	0.5	7.6		1							
01	025	11	111	1435	0	52959	00130	00	040	00	81	11	0181	0134	72	156.5	0.6	1.4		1							
01	029	11	092	0825 1340	0	62459	00118	50	040	00	81	11	0222	0187	71	182.8	0.4	5.9		1							
01	030	11	093	0850	0	62459	00118	50	040	00	81	11	0128	0122	71	166.0	0.4	8.2		1							
01	031	13	058	0812	0	62459	00118	50	040	00	82	22	0001	0001	00	154.8				1							
01	034	11	110	0735	0	70759	00112	00	040	00	81	11	0229	0187	71	181.4	0.4	0.0		1							

SCeloporus orcutti

SCELOPORUS ORCUTTI																							
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells		
12-3-55	035	1	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-39	40-42	43-44	45-48	49-52	53-55	56-58	59			
01	035	1	1	096	0955	070759	001	12	00	04	34.28	1	1	0147	0167	1	71.3	144.2			1		
01	036	1	1	094	1030	070759	001	12	00	04	31.08	1	1	0110	0128	1	45.5	0-3.3			1		
01	037	1	2	061	0900	070759	001	12	00	04	00.52	2	0001	0001	0001	0001	42.6				1		
01	038	1	1	101	0820	070759	001	22	00	06	32.78	1	0118	0111	0111	71.5	0.3	7.3			1		
01	039	1	1	090	0915	070759	001	22	00	06	34.68	2	0071	0065	0065	91.0	0.3				1		
01	040	1	2	077	0835	070959	001	22	00	06	35.78	2	0004	0004	0005								
01	041	1	2	073	0840	070959	001	22	00	06	37.08	2	0003	0003	0026	0	43.2				1		
01	042	1	2	066	0850	070959	001	22	00	06	35.88	2	0001	0001	0001	0	38.6				1		
01	043	1	2	070	0920	070959	001	22	00	06	35.28	2	0001	0001	0001	0	36.0				1		
01	044	1	2	065	1045	070959	001	26	00	06	36.08	2	0002	0002	0002	0	42.2				1		

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for a systematic approach to data collection and the importance of using reliable sources of information.

3. The third part of the document describes the process of identifying and addressing potential risks and challenges. It stresses the importance of proactive risk management and the need to develop effective strategies to mitigate potential threats.

4. The fourth part of the document discusses the role of communication and collaboration in achieving the organization's goals. It emphasizes the importance of clear communication and the need for all team members to work together effectively.

5. The fifth part of the document outlines the various metrics and indicators used to measure the organization's performance. It highlights the need for a balanced scorecard approach that takes into account both financial and non-financial factors.

6. The sixth part of the document describes the process of reviewing and evaluating the organization's progress. It stresses the importance of regular reviews and the need to use the results of these reviews to inform decision-making and improve performance.

7. The seventh part of the document discusses the importance of continuous improvement and the need to seek out new opportunities for growth and innovation. It emphasizes the importance of a culture of learning and the need to embrace change and innovation.

8. The eighth part of the document outlines the various challenges and obstacles that the organization may face. It highlights the need for a proactive approach to problem-solving and the importance of developing effective strategies to overcome these challenges.

9. The ninth part of the document discusses the importance of maintaining a strong relationship with stakeholders and the need to communicate effectively with all parties involved. It emphasizes the importance of transparency and the need to build trust and credibility with all stakeholders.

10. The tenth part of the document outlines the various conclusions and recommendations that have been drawn from the analysis. It stresses the importance of implementing these recommendations and the need for ongoing monitoring and evaluation to ensure that the organization is on track to achieve its goals.

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SCeloporus orcutti

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
01067	11107	11	107	0645	080559	001	22	00	06	00	811	11	3042	0058	71	21.1	22.18				1
01068	11112	11	112	0710	080559	001	22	00	06	00	811	11	0073	0063	71	19.2	25.1			23.1	1
01069	112070	12	070	0715	080559	001	22	00	06	00	822	2	0002	0001	0046						1
01070	111066	11	1066	0720	080559	001	22	00	06	00	811	11	0080	0101	71	34.0	30.0				1
01071	111073	11	073	0125	080559	001	22	00	06	00	821	1	0039	0043	71	34.0	30.0				1
01072	111102	11	102	0745	080559	001	22	00	06	00	811	11	0054	0039	71	46.5	22.04			19.8	1
01074	111109	11	109	0700	081259	001	12	00	04	00	811	11	0034	0034	80	94.7				36.3	1
01075	112061	12	061	0725	081259	001	12	00	04	00	822	2	1001	0001	00						1
01077	111100	11	100	0745	081259	001	12	00	04	00	811	11	0023	0024							
01079	111106	11	106	1015	081259	001	18	00	04	00	811	11	0030	0029						26.4	32

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
01 081	11 1	095	1100	081259	001	18	00	04	00	00	822	2	0035	0	024	0	34.2			16.5	1
01 082	11 1	071	1100	081209	001	15	00	04	00	00	822	2	0002	0	001	0	0645				1
01 087	11 1	012	0000	080659	009	52	00	03	00	00	822	2	0001	0	001	0	0071				1
01 088	11 1	070	0000	080659	009	52	00	03	00	00	822	2	0002	0	001	0	0071				1
01 089	11 1	063	0000	080659	009	52	00	03	00	00	822	2	0002	0	001	0	0071				1
01 090	11 1	101	0000	080659	009	52	00	03	00	00	822	2	0028	0	0218	0	0663				1
01 091	11 1	101	1025	031460	022	16	00	04	03	00	822	2	0308	0	0653	1	0645	0459			2
01 093	11 1	112	1140	031460	022	16	50	06	03	04	822	2	0379	0	0105	2	0645	0643			2
01 094	11 1	079	1210	031460	022	16	50	06	03	05	822	2	0111	0	102	2	148.2	0478		23.1	1
01 097	11 1	100	1355	040360	001	20	00	06	03	06	811	1	0440	0	4576	2	31.0	0495			2

SCELOPORUS ORCUTTI

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
01 109	113	11	105	0940	0	22161	001	12	00	04	3	3.6	8.2	2	0.127	0	092	1	300		1
01 110	111	12	087	1420	0	20761	001	12	00	04	3	1.8	8.2	2	0.046	0	018	1	08.2		1
01 111	112	11	110	1520	0	20761	001	12	00	04	2	4.8	8.2	1	0.068	0	099	1	310	0.5	1
01 112	107	12	081	1215	0	13161	001	12	00	04	2	2.6	8.2	2	0.013	0	020	1	05.2		1
01 113	104	11	107	1320	0	11761	001	12	00	04	3	2.6	8.2	2	0.077	0	120	1	17.1		1
01 114	100	11	105	1505	0	40360	001	27	00	06	3	5.7	8.1	1	0.591	0	314				
01 115	108	11	104	1545	0	13161	001	12	00	04	2	6.4	8.2	2	0.043	0	057	1	21.4		1
01 116	109	11	114	1520	0	13161	001	12	00	04	2	8.0	8.2	2	0.122	0	139	2	53.1	0.2	8.9
01 117	110	11	102	1600	0	20561	001	12	00	04	0	0.8	8.2	2	0.086	0	097	1	22.4		1
01 118	111	12	087	1420	0	20761	001	12	00	04	3	1.8	8.2	2	0.046	0	018	1	08.2		1
01 119	112	11	110	1520	0	20761	001	12	00	04	2	4.8	8.2	1	0.068	0	099	1	310	0.5	1
01 120	113	11	105	0940	0	22161	001	12	00	04	3	3.6	8.2	2	0.127	0	092	1	300		1

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
01	114	1	1	098	0000	022561	001	12	00	04	0008	22	0134	0182	41	75.6	04	9.2		16.5	1
01	115	1	1	097	0000	022561	001	12	00	04	0008	22	0057	0046	21	81.0	03	5.5		19.8	1
01	117	1	1	106	1527	022761	001	12	00	04	32.8	22	0213	0147	51	28.6	65	8.0			2
01	118	1	1	1096	0000	030761	001	20	00	06	0008	22	0147	0113	31	68.3	65	1.8		16.5	1
01	119	1	1	100	1650	031361	001	20	00	06	0018	21	0039	0044	91	25.7				16.5	1
01	121	1	2	076	1205	031161	001	20	00	06	33.0	22	0005	0006	00	50.2					
01	122	1	1	100	1250	031161	001	20	00	06	30.8	21	0037	0063	31	33.3	64	8.4			1
01	124	1	1	103	1445	031361	001	20	00	06	35.4	21	0042	0036	20	98.0	63	1.7		19.8	1
01	125	1	1	099	1505	031361	001	20	00	06	35.0	22	0061	0079	31	36.6	63	6.2			1
01	127	1	1	098	1510	031361	001	20	00	06	31.5	22	0086	0094	51	50.5	63	8.9		16.5	2

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SCELOPORUS ORCUTTI

SCELOPORUS ORCUTTI																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	6	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35-36	37-39	40-42	43-44	45-49	49-52	53-55	56-58	59	60
01	128	1	1	090	1530	0	31301	001	20	00	00	32.6	8.22	0053	0	0035	115.5	28.55		19.4	1
01	131	1	1	101	1205	0	32161	001	11	00	04	32.0	8.31	0278	0	249.8					
01	132	1	1	102	1255	0	32161	001	11	00	04	31.0	8.31	0222	0	240.6	106.4	0.3	2.5		35.0
01	135	1	1	102	1320	0	32461	001	12	00	04	32.6	8.21	0102	0	098.6	157.6	0.1	1.5		29.7
01	136	1	1	115	1305	0	41161	001	19	00	04	00.0	8.11	0331	0	318.6	191.1	0.9	2.9		29.6
01	137	1	1	103	0940	0	41161	001	19	00	04	32.2	8.11	0246	0	252.6	222.0	0.5	5.4		22.1
01	138	1	2	077	1000	0	41161	001	19	00	04	27.2	8.22	0007	0	008.6	71.3				1
01	139	1	2	078	1005	0	41161	001	19	00	04	24.8	8.22	0007	0	000.7	0010	000.6			1
01	140	1	1	090	1040	0	41161	001	19	00	04	33.2	8.22	0149	0	118.8	311.5	0.3	5.0		1
01	141	1	2	059	1050	0	41161	001	19	00	04	34.4	8.22	0062	0	0024	30	93.1	0.3	2.0	01.9

SCROTIFORMIS OTICUM1																													
	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells							
12	3-5	6	7	8-10	11-14	15	-	20	21-23	24	27	28-29	30	31-32	33	34	35	36	37-39	40	41-43	44-45	46-48	49	50	51-52	53-55	56-58	59
01	142	12	084	1205	041161	001	19	00	04	30.2	8	2	0094	0	115	3	1.2	4	0.9	1									
01	144	11	113	1225	041161	001	19	00	04	33.6	8	3	0269	0	374														
01	146	11	110	1250	041161	001	19	00	04	34.0	8	3	0220	0	258	6	1.5	1.4	1.2										
01	148	12	077	1355	041161	001	19	00	04	35.6	8	2	0009	0	009	0	0.7												
01	149	11	114	1405	041161	001	19	00	04	37.4	8	2	0189	0	134	1	1.5	1.5	1.5										
01	150	11	115	1420	041161	001	19	00	04	38.8	8	1	0365	0	302	6													
01	151	11	105	1445	041161	001	19	00	04	30.0	8	1	0249	0	249	6	1.5	1.4	0.3	3.0									
01	154	11	112	1130	042761	001	12	00	04	32.5	8	1	0161	0	154	6	1.0	1.0	26.4	1									
01	153	11	097	1140	042761	001	12	00	04	35.0	8	2	0069	0	062	3	1.2	1.0	16.5	1									
01	158	12	085	1220	042761	001	12	00	04	36.8	8	2	0008	0	008	0	0.8	0.7											

SCHELOPORUS ORCUTTI

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
01 159	111	100	1225	0	42761	001	12	00	04	35.8	811	1	0161	0	0166	1	87.4	0.5		19.8	2
01 160	111	105	1325	0	42761	001	12	00	04	00	811	1	0139	0	0188	1	73.2	0.4		16.5	1
01 162	111	096	1125	0	51661	001	12	00	04	36.0	811	1	0079	0	0120	7	153.4	0.3		23.1	1
01 163	111	100	0000	0	52161	009	35	00	06	00	811	1	0249	0	0242	6	174.2	0.3			2
01 165	112	078	0000	0	52161	009	35	00	08	00	822	2	0016	0	0110	0	000				1
01 167	111	108	0000	0	52161	009	35	00	06	00	811	1	0309	0	0303	6	168.3	0.4			2
01 168	111	090	0000	0	52161	009	35	00	06	00	821	1	0121	0	0082	7	16.5	0.2		26.4	1
01 169	111	106	0000	0	52161	009	35	00	06	00	811	1	0406	0	0417	6				33.0	1
01 173	111	098	1340	0	52561	001	28	50	06	34.8	811	1	0118	0	0075	7	138.6	0.2		26.4	1
01 175	111	102	1100	0	60361	079	43	00	11	00	811	1	0222	0	0249	6	159.4	0.2		19.8	1

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SCeloporus orcutti																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-35	36-39	40-44	45-49	50-52	53-55	56-58	59			
01	176	1	1	095	0830	062261	001	16	0004	34.4	811	1	0137	0	121	71	43.2	0.87		21.7	1
01	177	1	1	110	0855	062261	012	17	0004	32.8	811	1	0217	0	268	61	42.6	2.75		29.7	2
01	178	1	1	101	0920	062261	012	17	0004	35.4	811	1	0153	0	117	71	43.2	0.7		22.1	1
01	179	1	1	106	0930	062261	012	17	0004	000	811	1	0252	0	280	61	53.4	0.8			2
01	180	1	1	114	0935	062261	012	17	0004	31.0	811	1	0259	0	249	6					
01	181	1	1	110	1010	062261	012	17	0004	000	811	1	0208	0	251	71	24.9	0.2			2
01	183	1	1	1094	0945	062361	012	17	0004	34.0	811	1	0132	0	096	61	36.6	0.3	3.7	33.0	1
01	184	1	1	102	0800	062361	012	17	0004	000	811	1	0187	0	198	71	46.6	0.3	4.0		1
01	185	1	1	110	0830	062361	012	17	0004	34.4	811	1	0244	0	198						
01	186	1	1	101	0910	062361	012	17	0004	32.2	811	1	0134	0	110	71	38.4	0.3	0.3		1

SCELOPORUS ORCUTTI

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	17	8-10	11-14	15	-	20	21-23	24-27	28-29	30-32	33-34	35-36	37-39	40-42	43-44	45-49	49-49	49-52	53-55	56-58	59
01	191	11	113	0900	062661	061	18	25	04	30.2	8	11	0131	0105	7	44.2	02	5.7				1
01	193	12	067	0000	070361	001	12	00	04	00	32.2	2	0002	0004	0	004	0	54.4				1
01	195	12	067	0000	070361	001	12	00	04	00	32.2	2	0004	0004	0	003						1
01	196	12	063	0000	070361	001	12	00	04	00	32.2	2	0002	0002	0	002	0	32.2				1
01	201	11	106	0910	08061	012	17	00	04	2	40.8	1	0038	0027	7	21.7	02	1.4			10.5	1
01	204	12	086	0920	092761	012	17	00	04	3	52.8	2	0015	0014	11	74.4						1
01	205	11	104	1020	092761	012	17	00	04	3	3.8	8.2	2	0042	0044	7					13.2	1
01	206	12	089	1055	092761	012	17	00	04	3	14	8	2	0007	0007							
01	207	11	107	1110	092761	012	17	00	04	3	10	8	2	20029	0	022	90	91.4		66.3		1
01	209	11	094	1350	032662	001	12	00	04	3	5.4	2	1	0196	0	102	3	1	72.3	05	5.4	2

(71)(62)

(62)

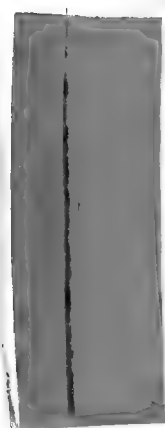
(6)

(6)

(6)

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm
	Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells





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	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm
	Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells
06-001	11
06-002	11
06-003	11
06-004	11
06-005	11
06-006	11
06-007	11
06-008	11
06-009	11
06-010	11
06-011	11
06-012	11
06-013	11
06-014	11
06-015	11
06-016	11
06-017	11
06-018	11
06-019	11
06-020	11
06-021	11
06-022	11
06-023	11
06-024	11
06-025	11
06-026	11
06-027	11
06-028	11
06-029	11
06-030	11
06-031	11
06-032	11
06-033	11
06-034	11
06-035	11
06-036	11
06-037	11
06-038	11
06-039	11
06-040	11
06-041	11
06-042	11
06-043	11
06-044	11
06-045	11
06-046	11
06-047	11
06-048	11
06-049	11
06-050	11
06-051	11
06-052	11
06-053	11
06-054	11
06-055	11
06-056	11
06-057	11
06-058	11
06-059	11
06-060	11
06-061	11
06-062	11
06-063	11
06-064	11
06-065	11
06-066	11
06-067	11
06-068	11
06-069	11
06-070	11
06-071	11
06-072	11
06-073	11
06-074	11
06-075	11
06-076	11
06-077	11
06-078	11
06-079	11
06-080	11
06-081	11
06-082	11
06-083	11
06-084	11
06-085	11
06-086	11
06-087	11
06-088	11
06-089	11
06-090	11
06-091	11
06-092	11
06-093	11
06-094	11
06-095	11
06-096	11
06-097	11
06-098	11
06-099	11
06-100	11

UNA INFINATA

UMA INORNATA																					
1-2	3-5	6-7	8-10	11-14	15-20	21-23	24-27	28-32	33-34	35-36	37-40	41-43	44-48	49-52	53-55	56-58	59-60				
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells

UJA INCONATA

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15-20	Date
21-23	Locality
24-27	Elevation
28-30	Habitat
31-32	Temperature
33-34	Breeding Color
35-36	Sperm
37-38	Epididymis
39-40	Left testis volume
41-42	Rt. testis volume
43-44	Condition
45-46	Sem. tubule diameter
47-48	Sem. epithelial height
49-50	Interstitial cell nuclear diam.
51-52	Epid. epith. height
53-54	Sertoli cells

UMA INORNATA

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15	Date
20	Locality
21-23	Elevation
24-27	Habitat
28-32	Temperature
33	Breeding Color
34	Sperm
35	Epididymis
36-39	Left testis volume
40-43	Rt. testis volume
44-48	Condition
49	Sem. tubule diameter
50	Sem. epithelial height
51-53	Interstitial cell nuclear diam.
54-58	Epid. epith. height
59	Sertoli cells

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15-20	Date
21-23	Locality
24	Elevation
27-28	Habitat
29-32	Temperature
33	Breeding Color
34	Sperm
35	Epididymis
36-39	Left testis volume
40-43	Rt. testis volume
44	Condition
45-49	Sem. tubule diameter
49	Sem. epithelial height
52	Interstitial cell nuclear diam.
53-55	Epid. epith. height
56-59	Sertoli cells
112	112
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24	24
27-28	27-28
29-32	29-32
33	33
34	34
35	35
36-39	36-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
113	113
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24	24
27-28	27-28
29-32	29-32
33	33
34	34
35	35
36-39	36-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
114	114
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24	24
27-28	27-28
29-32	29-32
33	33
34	34
35	35
36-39	36-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
115	115
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24	24
27-28	27-28
29-32	29-32
33	33
34	34
35	35
36-39	36-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
116	116
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24	24
27-28	27-28
29-32	29-32
33	33
34	34
35	35
36-39	36-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
117	117
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24	24
27-28	27-28
29-32	29-32
33	33
34	34
35	35
36-39	36-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
118	118
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24	24
27-28	27-28
29-32	29-32
33	33
34	34
35	35
36-39	36-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
119	119
3-5	3-5
6	6
7	

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-10	S-V length
11-14	Time
15-20	Date
21-23	Locality
24-27	Elevation
28-30	Habitat
31-32	Temperature
33-34	Breeding Color
35	Sperm
36	Epididymis
37-39	Left testis volume
40-43	Rt. testis volume
44	Condition
45-49	Sem. tubule diameter
49	Sem. epithelial height
52	Interstitial cell nuclear diam.
53-55	Epid. epith. height
56-59	Sertoli cells
112	112
3-5	3-5
6	6
7	7
8-10	8-10
11-14	11-14
15-20	15-20
21-23	21-23
24-27	24-27
28-30	28-30
31-32	31-32
33-34	33-34
35	35
36	36
37-39	37-39
40-43	40-43
44	44
45-49	45-49
49	49
52	52
53-55	53-55
56-59	56-59
17.2.1	17.2.1

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	4	7	8-16	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-41	42-43	44-45	46-48	49-51	52-53	54-55	56-58
13	132	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	133	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	134	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	135	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	136	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	137	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	138	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	139	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	140	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	141	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	142	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	143	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	144	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	145	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	146	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	147	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	148	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	149	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	150	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	151	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	152	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	153	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	154	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

UNA INORNATA

Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells				
12	3-55	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
13	3-56	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
14	3-57	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
15	3-58	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
16	3-59	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
17	3-60	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
18	3-61	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
19	3-62	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
20	3-63	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
21	3-64	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
22	3-65	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
23	3-66	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
24	3-67	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
25	3-68	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
26	3-69	1	7	8-10	11-14	15	20	21-23	24	27	28-32	33-34	35	36	37	38	39	40	41-44	45	46-48	49	50	51-55	56-58	59	60
27	3-70	1</																									

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells			
12	3-55	17	8-10	11-14	15	20	21-43	24	27	4329	30	32	33	34	35	36	39	44	49	52	53-55	56-58	59	60
16	1074	17	0408			5-17	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	14.2	2	2	2	2	1	1	4.5				1			
16	111	17				6-1045	6055	4000	1411	1														

12	Species No.
3-55	Animal No.
67	Sex
8-16	Age
11-14	S-V length
15	Time
20	Date
21-23	Locality
24	Elevation
27	Habitat
28-29	Temperature
30-32	Breeding Color
33	Sperm
34	Epididymis
35-36	Left testis volume
37-39	Rt. testis volume
40-42	Condition
43-44	Sem. tubule diameter
45-47	Sem. epithelial height
48-50	Interstitial cell nuclear diam.
51-52	Epid. epith. height
53-54	Sertoli cells
12	12
3-55	3-55
67	67
8-16	8-16
11-14	11-14
15	15
20	20
21-23	21-23
24	24
27	27
28-29	28-29
30-32	30-32
33	33
34	34
35-36	35-36
37-39	37-39
40-42	40-42
43-44	43-44
45-47	45-47
48-50	48-50
51-52	51-52
53-54	53-54
55	55

Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-15	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
13	3-16	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
14	3-17	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
15	3-18	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
16	3-19	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
17	3-20	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
18	3-21	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
19	3-22	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
20	3-23	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
21	3-24	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
22	3-25	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
23	3-26	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
24	3-27	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
25	3-28	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
26	3-29	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66	67-69	
27	3-30	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48	49-51							

Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-15	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
13	3-16	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
14	3-17	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
15	3-18	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
16	3-19	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
17	3-20	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
18	3-21	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
19	3-22	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
20	3-23	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
21	3-24	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
22	3-25	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
23	3-26	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
24	3-27	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
25	3-28	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
26	3-29	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
27	3-30	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
28	3-31	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
29	3-32	6	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
30	3-33	6	7	8-10																			

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
13	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
14	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
15	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
16	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
17	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
18	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
19	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
20	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
21	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
22	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
23	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
24	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
25	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
26	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
27	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
28	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
29	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
30	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
31	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	40	42	44	46	48
32	3-5	6	7	8-10	11	14	20	21-23	24	27	28	30	32	34	36	38	4				

12	Species No.
3-5	Animal No.
6	Sex
7	Age
8-16	S-V length
11-14	Time
15	Date
20	Locality
21-23	Elevation
24	Habitat
27	Temperature
28-32	Breeding Color
33	Sperm
34	Epididymis
35	Left testis
36	volume
37	Rt. testis
38	volume
39	Condition
40	Sem. tubule
41	diameter
42	Sem. epithelial
43	height
44	Interstitial cell
45	nuclear diam.
46	Epid. epith.
47	height
48	Sertoli cells
12	12
3-5	3-5
6	6
7	7
8-16	8-16
11-14	11-14
15	15
20	20
21-23	21-23
24	24
27	27
28-32	28-32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48

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12	375	1	7	8-11	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Species No.		Animal No.		Sex	Age	S-V length		Time		Date		Locality		Elevation		Habitat		Temperature		Breeding Color		Sperm		Epididymis		Left testis volume		Rt. testis volume		Condition		Sem. tubule diameter		Sem. epithelial height		Interstitial cell nuclear diam.		Epid. epith. height		Sertoli cells																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
13	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
14	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
15	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
16	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
17	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
18	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
19	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
20	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
21	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
22	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
23	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
24	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
25	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
26	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
27	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
28	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
29	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
31	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
32	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
33	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40
34	3-5	67	8-10																			

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12	Species No.	3-5	Animal No.	6	Sex	7	Age	8-16	S-V length	11-14	Time	15	Date	20	Locality	21-23	Elevation	24-27	Habitat	28-32	Temperature	33	Breeding Color	34	Sperm	35	Epididymis	36-39	Left testis volume	40-43	Rt. testis volume	44-48	Condition	49	Sem. tubule diameter	49	Sem. epithelial height	52	Interstitial cell nuclear diam.	53-55	Epid. epith. height	56-58	Sertoli cells																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
66	363	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	111111	11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12	Species No.																				
3-5	Animal No.																				
6	Sex																				
7	Age																				
8-10	S-V length																				
11-14	Time																				
15-20	Date																				
21-23	Locality																				
24-27	Elevation																				
28-30	Habitat																				
31-32	Temperature																				
33-34	Breeding Color																				
35-36	Sperm																				
37-38	Epididymis																				
39-40	Left testis volume																				
41-42	Rt. testis volume																				
43-44	Condition																				
45-48	Sem. tubule diameter																				
49-52	Sem. epithelial height																				
53-55	Interstitial cell nuclear diam.																				
56-58	Epid. epith. height																				
59-60	Sertoli cells																				
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-55	56-58	59-60
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-48	49-52	53-5		

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12	11-14	15	20-21-23	24	27-28	29	30-32	33-34	35-36	37-39	40-43	44-45	46-49	50-52	53-55	56-59	60
12-3-55	11	1	1	11-12</																	

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
13	4-56	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
14	5-57	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
15	6-58	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
16	7-59	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
17	8-60	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
18	9-61	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
19	10-62	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
20	11-63	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
21	12-64	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
22	13-65	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
23	14-66	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
24	15-67	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
25	16-68	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
26	17-69	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
27	18-70	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
28	19-71	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
29	20-72	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
30	21-73	1	7	8-16	11-14	15-20	21-43	24	27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43
31	22-7																				

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Figure 1

12	Species No.
3-55	Animal No.
67	Sex
8-16	Age
11-14	S-V length
15	Time
20	Date
21-23	Locality
24	Elevation
27	Habitat
28-32	Temperature
33	Breeding Color
34	Sperm
35	Epididymis
36	Left testis
39	volume
40	Rt. testis
43	volume
44	Condition
45	Sem. tubule
48	diameter
49	Sem. epithelial
52	height
53-55	Interstitial cell
56	nuclear diam.
58-59	Epid. epith.
59	height
60	Sertoli cells
12	3-55
67	11
8-16	11
11-14	11
15	11
20	11
21-23	11
24	11
27	11
28-32	11
33	11
34	11
35	11
36	11
39	11
40	11
43	11
44	11
45	11
48	11
49	11
52	11
53-55	11
56	11
58-59	11
59	11
60	11

12	Species No.
13	Animal No.
14	Sex
15	Age
16	S-V length
17	Time
18	Date
19	Locality
20	Elevation
21	Habitat
22	Temperature
23	Breeding Color
24	Sperm
25	Epididymis
26	Left testis volume
27	Rt. testis volume
28	Condition
29	Sem. tubule diameter
30	Sem. epithelial height
31	Interstitial cell nuclear diam.
32	Epid. epith. height
33	Sertoli cells
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33



UMA NOTATA

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	1	1	1076	0800	2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	004	1	1	1	113		2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	003	1	1	1	113		2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	002	1	1	1	113		2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	001	1	1	1	113		2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	012	1	1	1	111	1111	2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	014	1	1	1	110	1130	2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	015	1	1	1	1074	1224	2023-08-20	002	0710	002		888	0001	0001	0001	0001						
05	018	1	1	1	1050	1025	2023-08-20	002	0710	002		888	0001	0001	0001	0001						

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UMA NOTATA																																								
12-3-55	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells																		
05-038		12-038	1	7	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
05-039		12-039	1	3	0.47	10.40	0	203.59	002	0.5000	02	3	5	0001	0	0010	0	39.4				1																		
05-047		12-047	1	2	0.55	19.25	0	202.159	002	0.5000	02	3	5	0001	0	0010	0	37.5				1																		
05-048		12-048	1	2	0.54	09.15	0	202.159	002	0.5000	02	3	5	0001	0	0010	0	34.3				1																		
05-049		12-049	1	2	0.63	11.42	0	202.159	002	0.5000	02	3	5	0001	0	0010	0	43.9				1																		
05-041		12-041	1	2	0.55	11.00	0	203.59	002	0.5000	02	3	5	0001	0	0010	0	45.2				1																		
05-036		12-036	1	2	0.49	11.05	0	203.59	002	0.5000	02	3	5	0001	0	0010	0	32.2				1																		
05-041		12-041	1	2	0.55	12.00	0	203.59	002	0.5000	02	3	5	0001	0	0010	0																							

LMC MC-11A

L. M. MCINTYRE																						
12	3-5	6	7	8-10	11-14	15	-	20	21-23	24	27	28-29	30	31-32	33	34	35	36	37	38	39	40
Species No.																						
Animal No.																						
Sex																						
Age																						
S-V length																						
Time																						
Date																						
Locality																						
Elevation																						
Habitat																						
Temperature																						
Breeding Color																						
Sperm																						
Epididymis																						
Left testis volume																						
Rt. testis volume																						
Condition																						
Sem. tubule diameter																						
Sem. epithelial height																						
Interstitial cell nuclear diam.																						
Epid. epith. height																						
Sertoli cells																						
05	056	1	2	060	11:00	0	321579	002	103	00002		8	11	0001	0001	00	54.1				1	
05	051	1	1	000	11:00	0	321579	002	103	00002		8	11	0002	0003	00	66.0				1	
05	052	1	2	033	11:00	0	321579	002	103	00002		8	11	0002	0003	00	66.0				1	
05	053	1	1	110	12:5	0	321579	002	103	00002		8	11	0043	0045	51	60.0	0.6	1.0		1	
05	054	1	1	109	12:1	0	321579	002	103	00002		8	11	0032	0034	41	69.7				1	
05	055	1	1	105	10:30	0	321579	002	103	00002		8	11	0035	0039	51	63.7	0.5	3.8		1	
05	056	1	2	075	11:54	0	321579	002	87	00052		8	11	0003	0008	00	71.4				1	
05	057	1	1	082	11:41	0	433579	002	103	00052		8	11	0001	0005	51	74.6	0.7	2.6		1	
05	058	1	1	116	13:18	0	433579	002	8	0002		8	11	0107	0171	60.2	64.8	0.8	1.7		1	
05	059	1	1	101	10:30	0	433579	002	103	0002		8	11	0118	0124	62	39.2	0.6	6.6		33.0	

(E)

UMA NOTATA

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells									
12	8-25	1	7	8-10	11-14	14	-	20	21-23	24	-	27	28-29	30-32	33-34	35-36	-	39	40	-	43-44	45	-	48	49	-	52	53-55	56-58	59
05	060	1	1	082	1200	040559	002-03	00000			5	2	2	0001	0002															
05	061	1	1	080	1000	040559	002-03	00000			5	2	2	0003	0003															
05	062	1	2	060	1040	042359	002-03	00000			5	2	2	0001	0001															
05	063	1	2	067	1000	040559	002-03	00000			5	2	2	0001	0001															
05	079	1	1	082	1125	042359	002-03	00000			5	2	2	0055	0057															
05	080	1	1	084	1115	052359	002-03	00000			5	2	2	0040	0051															
05	081	1	1	105	0952	052359	002-03	00000			5	1	1	0010	0124															
05	082	1	2	056	0930	052359	002-03	00000			5	2	2	0001	0010															
05	083	1	2	062	0940	052359	002-03	00000			5	2	2	0001	0001															
05	084	1	2	073	1025	052359	002-03	00000			5	2	2	0001	0002															

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UMA NOTATA																						
	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	67	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
05	100	100	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	101	101	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	102	102	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	103	103	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	104	104	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	105	105	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	106	106	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	107	107	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	108	108	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	109	109	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	110	110	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	111	111	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	112	112	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	113	113	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	114	114	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	115	115	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	116	116	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	117	117	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	118	118	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	119	119	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	120	120	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	121	121	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	122	122	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	123	123	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	124	124	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	125	125	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	126	126	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	127	127	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	128	128	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	129	129	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	130	130	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	131	131	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	132	132	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	133	133	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	134	134	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	135	135	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	136	136	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	137	137	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	138	138	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	139	139	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	140	140	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	141	141	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	142	142	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	143	143	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	144	144	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	145	145	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	146	146	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	147	147	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	148	148	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	149	149	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	150	150	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	151	151	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	152	152	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	153	153	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	154	154	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	155	155	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	156	156	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	157	157	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	158	158	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	159	159	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	160	160	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	161	161	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	162	162	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	163	163	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
05	164	164	000	000	00																	

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	1	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35	36	37	38	39	40	41	42	43	44
05	152	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	153	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	154	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	155	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	156	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	157	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	158	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	159	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	160	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	161	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	162	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	163	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	164	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	165	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	166	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	167	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31
05	168	1	1	10	15	20	22	25	28	30	31	31	31	31	31	31	31	31	31	31	31

EMM 11-11-11-11-11

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-15	47	S-10	11	14	15	-	20	21-23	24	-	27	28	29	30	31	32	33	34	35	36	37
13	169	112	168	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
14	172	111	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
15	175	113	100	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
16	181	112	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
17	182	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
18	183	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
19	184	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
20	185	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
21	186	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
22	187	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
23	188	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
24	189	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
25	190	112	101	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110

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UMA NOTATA

UMA NOTATA																							
		Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
05	204	1	2	038	1077	1	02559	002	03	000	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	203	1	2	071	1035	1	04559	002	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	202	1	2	068	1025	1	02559	000	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	199	1	2	070	0935	1	02559	002	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	198	1	2	067	0945	1	02559	000	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	197	1	2	075	0900	1	02559	002	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	196	1	1	067	0920	1	03559	002	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	194	1	2	069	0320	1	02559	000	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	192	1	1	055	1025	0	04059	000	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
05	111	1	2	070	1010	0	11559	000	03	00	024	0.8	2	2000	1	0001	0001	0001	0001	0001	0001	0001	1
12	3-55	1	7	8-10	11-14	15	-	20	21-23	24	-	27	28	29	30	31	32	33	34	35	36	37	38

[illegible]

UMA NOTATA

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	67	8-10	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
01	235	11	0922	1310	1	115559	107	300	215	725	2334	234	200	111	6014	91	31.0				1
05	244	11	100	1005	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
06	247	11	97	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
07	251	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
08	252	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
09	253	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
10	254	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
11	255	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
12	256	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
13	257	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
14	258	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
15	259	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
16	260	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
17	261	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
18	262	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
19	263	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
20	264	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
21	265	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
22	266	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
23	267	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
24	268	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
25	269	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
26	270	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
27	271	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
28	272	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
29	273	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
30	274	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
31	275	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
32	276	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
33	277	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
34	278	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
35	279	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
36	280	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
37	281	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
38	282	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
39	283	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
40	284	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
41	285	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
42	286	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
43	287	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
44	288	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
45	289	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
46	290	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
47	291	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
48	292	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
49	293	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
50	294	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
51	295	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
52	296	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
53	297	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
54	298	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
55	299	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
56	300	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
57	301	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
58	302	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
59	303	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
60	304	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
61	305	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
62	306	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
63	307	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
64	308	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
65	309	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
66	310	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
67	311	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
68	312	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
69	313	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
70	314	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
71	315	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
72	316	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
73	317	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
74	318	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
75	319	11	100	1000	1	1040	100	000	000	100	100	100	100	100	100	100	100				1
76	320																				

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-55	47	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42	43
05-261	111	198	1020	0	002	03	003	002	02	15	08	11	01	01	00	76	211.4	055.7		29.7	1
05-263	111	199	1040	0	002	03	003	002	02	15	08	11	01	01	00	76	217.7	055.2.8		26.4	1
05-264	111	199	1040	0	002	03	003	002	02	15	08	11	01	01	00	76	217.7	055.5.0		35.0	1
05-265	112	199	1030	0	002	03	003	002	02	15	08	11	01	01	00	76	219.1				1
05-266	111	198	1030	0	002	03	003	002	02	15	08	11	01	01	00	76					1
05-268	112	198	1110	0	002	03	003	002	02	15	08	11	01	01	00	76	20.8				1
05-269	112	198	1110	0	002	03	003	002	02	15	08	11	01	01	00	76	213.1				1
05-274	111	198	1115	0	002	03	003	002	02	15	08	11	01	01	00	76	213.5	051.2		33.0	1
05-276	111	198	1200	0	002	03	003	002	02	15	08	11	01	01	00	76					1
05-277	111	198	1240	0	002	03	003	002	02	15	08	11	01	01	00	76					1

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	275	11	♂	11	10.4	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	276	11	♂	11	10.7	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	279	11	♂	11	10.7	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	282	11	♂	11	10.7	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	283	11	♂	11	10.0	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	285	11	♂	11	10.8	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	286	11	♂	11	11.4	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	287	11	♂	11	10.5	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	289	11	♂	11	10.8	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	291	11	♂	11	11.5	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	
05	292	11	♂	11	10.1	18.05	4/15/60	002	0300	440	40.8	11	1	0.15	0.21	0.28	2.4	0.0			1	

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12-3-5	6-7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33-34	35-36	37-39	40-42	43-44	45-48	49-52	53-55	56-58	59			
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
05-293	11	1	1	034	1110	050166	002	03	000	024	3.8	511	111	0169	0.237	0.253	0.010	2.4		26.4	(E3)
05-294	11	1	1	112	1125	050160	002	03	000	023	3.8	511	111	0169	0.237	0.248	0.010	1.0		36.3	(E4)
05-295	11	1	1	038		050160	002	03	000			511	111	0070	0.071	0.184	0.054	4.1		33.0	(E2)
05-296	11	1	1	109		050160	002	03	002			511	111	0246	0.251	0.269	0.063	3.7		39.4	(E4)
05-300	11	1	1	044	1205	050960	002	03	000	023	3.8	511	111	0098	0.101	0.238	0.052	3.7		33.0	(E3)
05-302	11	1	1	089	1815	050960	002	03	000	023	4.0	511	111	0088	0.115	0.214	0.052	1.8		33.0	(E4)
05-304	11	1	1	104	1838	050960	002	03	000	023	4.8	511	111	0171	0.193	0.258	0.061	1.8		26.9	(E4)
05-305	11	1	1	084	0650	051060	002	03	000	023	4.7	511	111	0076	0.072	0.235	0.065	7		29.7	(E4)
05-306	11	1	1	094	0702	051060	002	03	000	023	4.0	511	111	0105	0.111	0.244	0.053	1		36.3	(E4)
05-308	11	1	1	104	0725	051060	002	03	000	023	4.0	511	111	0134	0.157						

12	Species No.																							
3-5	Animal No.																							
6	Sex																							
7	Age																							
8-10	S-V length																							
11-14	Time																							
15-20	Date																							
21-23	Locality																							
24-27	Elevation																							
28-32	Habitat																							
33-39	Temperature																							
40-43	Breeding Color																							
44-46	Sperm																							
47-49	Epididymis																							
50-52	Left testis volume																							
53-55	Rt. testis volume																							
56-58	Condition																							
59-61	Sem. tubule diameter																							
62-64	Sem. epithelial height																							
65-67	Interstitial cell nuclear diam.																							
68-70	Epid. epith. height																							
71-73	Sertoli cells																							
057	328	1	1	0.48	0.80	0	0.1000	0.02	0.300	0.00	0.00	10	5	11	0.111	0.134	6.2	6.17	0.57	8.4				1
057	321	1	1	1.13	1.30	2	0.0940	0.03	0.700	0.04	1	0.140	0.131	6.2	36.6	0.57	3.5					13.2	1	
057	320	1	1	0.95	1.64	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7					19.8	1	
057	319	1	1	1.12	1.50	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7					26.4	1	
057	318	1	1	0.85	1.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	315	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	314	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	313	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	312	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	311	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	310	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	309	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	308	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	307	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	306	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	305	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	304	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	303	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	302	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9	0.60	7							
057	301	1	1	1.12	0.84	0	0.0740	0.02	0.300	0.03	1	0.148	0.055	6.1	74.9									

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	355	1	7	8-10	11-14	15-20	21-23	24	27	28-29	30-32	33	34	35	36	37	38	39	40	41	42
65	346	1	1	1.4	0.5	0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	349	1	2	0.75	0.25	0.1	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	353	1	1	0.9	0.45	0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	384	1	1	0.9	0.15	0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	386	1	1	1.0	0.45	0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	357	1	1	1.05	0.85	0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	358	1	1	0.9	0.25	0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	359	1	2	0.4	0.3	0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	361	1	1	0.5		0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
65	362	1	2	0.75		0.7	0.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	

(E4)

(E4)

(E3)

(E3)

(E3)

(E3)

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	375	1	7	8-10	11-14	15-20	21-23	24-27	1829	30-32	33/34	35	36	37	38	39	40	41	42	43	44
05	363	1	1	095			002	03	00	00	8	11	6646	00226	0457	177.5	63	3.0		26.4	(E3)
05	364	1	1	098	10.15	000000	044	100	01	6.5	11	11	000000	000000	0457	177.5	63	3.0			1
05	367	1	1	085	08.00	000700	000000	000	02	386	8	11	000000	000000	0457	177.5	63	3.0			1
05	368	1	2	014	08.15	000000	000000	000	00	00	00	22	000000	000000	000						
05	370	1	2	078	07.15	000000	000000	000	00	00	00	22	000000	000000	000						
05	372	1	1	095	10.45	000000	002	03	00	00	8	11	000000	000000	013	8089.4					1
05	378	1	1	113	17.30	000000	002	03	00	02	8	11	000000	000000	0747	1630	03	2.7		19.8	(E3)
05	379	1	1	098	17.00	000000	002	03	00	02	8	11	000000	000000	0747	1630	03	2.7		29.7	(E3)
05	380	1	2	095	17.10	000000	002	03	00	02	8	22	000000	000000	001	0045.2					1
05	381	1	1	090	18.00	000000	002	03	00	02	8	11	000000	000000	0307	150.5	03	9.4		26.4	(E3)

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	385	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	382	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	383	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	384	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	385	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	386	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	387	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	388	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	389	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	390	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	391	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
05	392	1	1	10.3	11-14	1970	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39

(E3)

(E2)

(E2)

(E3)

(E2)

UMA NOTATA

UMM INDIANA																								
Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells	
12	3-55	47	8-16	11-14	15	-	20	21-23	24	27	1829	34-32	33	34	35	36	39	46	48	49	52	53-55	56-58	59
05	314	111	2	15:35	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	035.4				23.1	1	(E1)
05	311	111	10.4	1-03	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	035.4	2.2			23.1	1	(E2)
05	378	111	1	15:20	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	034.2				19.8	1	(E2)
05	379	111	10.4	1-03	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	030.8				26.4	1	(E1)
05	420	12	0.74	15:15	1	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	030.1						
05	401	12	0.78	18:15	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	039.4					1	
05	402	11	0.85	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	030.1				23.1	1	(E1)
05	410	11	1.08	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	030.1				16.5	1	(E1)
05	411	12	0.77	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	035.7					1	
05	412	11	0.86	6	9109.1	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	0000.0	811	1	00018	00013	8	030.0					1	

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
3-25																						
1	9113	1	1	1	1		07/12/60	000	03	0000		8	1	00013	00010	7						1
2	9114	1	1	1	1		07/12/60	000	03	0000		8	2	00013	00010	8	0000					1
3	9115	1	1	1	1		07/12/60	000	03	0000		8	1	00014	00010	8	0000					1
4	9116	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
5	9117	1	1	1	1		07/12/60	000	03	0000		8	1	00014	00010	8	0000					1
6	9118	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
7	9119	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
8	9120	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
9	9121	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
10	9122	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
11	9123	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
12	9124	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
13	9125	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
14	9126	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
15	9127	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
16	9128	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
17	9129	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
18	9130	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
19	9131	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
20	9132	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
21	9133	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
22	9134	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
23	9135	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
24	9136	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
25	9137	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
26	9138	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
27	9139	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
28	9140	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
29	9141	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
30	9142	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
31	9143	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
32	9144	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
33	9145	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
34	9146	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
35	9147	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
36	9148	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
37	9149	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
38	9150	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
39	9151	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
40	9152	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
41	9153	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
42	9154	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
43	9155	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
44	9156	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
45	9157	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
46	9158	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
47	9159	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
48	9160	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
49	9161	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
50	9162	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
51	9163	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
52	9164	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
53	9165	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
54	9166	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
55	9167	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
56	9168	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
57	9169	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
58	9170	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
59	9171	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
60	9172	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
61	9173	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
62	9174	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
63	9175	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
64	9176	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
65	9177	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
66	9178	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
67	9179	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
68	9180	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
69	9181	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
70	9182	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
71	9183	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
72	9184	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
73	9185	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
74	9186	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
75	9187	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
76	9188	1	1	1	1		07/12/60	000	03	0000		8	2	00014	00010	8	0000					1
77	9189	1	1	1	1		07/12/															

UNION

	Species No.
	Animal No.
	Sex
	Age
	S-V length
	Time
	Date
	Locality
	Elevation
	Habitat
	Temperature
	Breeding Color
	Sperm Epididymis
	Left testis volume
	Rt. testis volume
	Condition
	Sem. tubule diameter
	Sem. epithelial height
	Interstitial cell nuclear diam.
	Epid. epith. height
	Sertoli cells

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12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	67	8-16	11-14	15	20	21-23	24	27	28	29	30-32	33	34	35	36	37	38	39	40	41	42
12	461	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	461	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	463	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	464	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	465	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	466	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	467	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	468	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	469	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1
12	470	12	68				11/9/60	602	63	60	62		62	62	60	62	61	60	63			1

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-55	476	♂	7	8-10	11-14	14	20-21-23	24-27	28-29	30-32	33-34	35	36-39	40-46	47-49	50-52	53-55	56-58	59		
13-4-76	477	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
14-4-76	478	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
15-4-76	479	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
16-4-76	480	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
17-4-76	481	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
18-4-76	482	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
19-4-76	483	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
20-4-76	484	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
21-4-76	485	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
22-4-76	486	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
23-4-76	487	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59
24-4-76	488	♂	11	10-12		14-16	20-21	22-24	25-27	28-30	31-33	34	35-37	38-40	41-43	44-46	47-49	50-52	53-55	56-58	59

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	574	1	1	1.68	1710	1960	002	0300	02	31	1	1	01	0.81	0.91	6.2	0.71	0.4	4.7	2.1	1
05	578	1	1	1.09	1720	1960	003	0300	02	31	1	1	00	0.10	0.64	6.1	0.82	0.3			1
05	519	1	1	1.09	1845	1960	002	0300	02	31	1	1	00	0.80	0.11	6.2	2.4	0.4	9.2	2.6	1
05	520	1	1	1.08		1960	002	0300	02	31	1	1	00	0.77	0.07	6.2	1.12	0.5	2.8	3.3	1
05	525	1	1	0.83		1960	002	0300	02	31	1	1	00	0.20	0.25	5.0	0.77	0.3		1.3	1
05	526	1	1	1.08		1960	002	0300	02	31	1	1	00	0.82	0.61	6.2	0.82	0.4	5.9	2.9	1
05	527	1	1	1.04		1960	002	0300	02	31	1	1	01	0.49	0.16	6.1	0.71	0.4	3.6	3.3	1
05	528	1	1	1.07		1960	002	0300	02	31	1	1	01	0.05	0.13	7.2	0.30	0.4	3.2	1.9	1
05	529	1	1	1.01		1960	002	0300	02	31	1	1	01	0.74	0.10	6.2	0.10	0.3	0.1	2.6	1

(E3)

(E4)

(E5)

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	6	7	5-10	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35-36	37-38	39-40	41-43	44-45	46-48	49-52	53-55	56-58	59
05	348	1	1	10.5		7/11/61	602	03	0000		8	11	0081	0102	0102	62	37.3	0.4		33.0	(E3)
05	347	1	1	10.5		7/11/61	602	03	0012		8	11	0090	0134	0134	71	38.8	0.7		19.8	(E4)
05	346	1	1	10.7		7/11/61	602	03	0005		8	11	0082	0102	0102	62					
05	345	1	1	10.7		7/11/61	602	03	0005		8	11	0081	0102	0102	62	70.4	0.3		43.1	(E4)
05	344	1	1	10.7		7/11/61	602	03	0005		8	11	0082	0102	0102	62					
05	343	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	342	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	341	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	340	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	339	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	338	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	337	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	336	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	335	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	334	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	333	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	332	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	331	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	330	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	329	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	328	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	327	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	326	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	325	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	324	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	323	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	322	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	321	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	320	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	319	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	318	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	317	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	316	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	315	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	314	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	313	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	312	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	311	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	310	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	309	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	308	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	307	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	306	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	305	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	304	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	303	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	302	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	301	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	300	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	299	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	298	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	297	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	296	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	295	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	294	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	293	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	292	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	291	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	290	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	289	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	288	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	287	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	286	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	285	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	284	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	283	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	282	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	281	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	280	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	279	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	278	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	277	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	276	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	275	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	274	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	273	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	272	1	1	10.5		7/11/61	602	03	0005		8	11	0081	0102	0102	62					
05	271	1	1	10.5		7/11/61	602	03	0005		8	11									

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	355	♂	7	8-10	11-14	15-20	21-23	24-27	28-30	31-32	33	34	35	36	37	38	39	40	41	42	43
05	556	♂	11	090		01101	00203	00400	00600		511	1	0005	0013	0013	71	84.8	039.6		36.3	(E3)
05	552	♂	11	082		01101	00203	00400	00600		511	1	0081	0016	0016	71	84.8	039.6		36.3	(E3)
05	553	♂	11	077		01101	00203	00400	00600		511	1	0043	0016	0016	71	84.8	039.6		36.3	(E3)
05	555	♂	11	021		01101	00203	00400	00600		511	1	0017	0012	0012	71	84.8	039.6		36.3	(E3)
05	557	♂	12	028		01101	00203	00400	00600		511	2	0005	0016	0016	71	84.8	039.6		36.3	(E3)
05	559	♂	11	058		01101	00203	00400	00600		511	1	0005	0016	0016	71	84.8	039.6		36.3	(E3)
05	560	♂	11	100		01101	00203	00400	00600		511	1	0105	0016	0016	71	84.8	039.6		36.3	(E3)
05	561	♂	11	091		01101	00203	00400	00600		511	1	0101	0016	0016	71	84.8	039.6		36.3	(E3)
05	562	♂	11	083		01101	00203	00400	00600		511	1	0022	0016	0016	71	84.8	039.6		36.3	(E3)
05	563	♂	11	101		01101	00203	00400	00600		511	1	0012	0016	0016	71	84.8	039.6		36.3	(E3)

12	3-5	6-7	8-10	11-14	15-20	21-23	24-27	28-32	33-39	40-46	47-49	50-52	53-55	56-59							
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
05	5701	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5702	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5703	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5704	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5705	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5706	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5707	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5708	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5709	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5710	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5711	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5712	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5713	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5714	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5715	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5716	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5717	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5718	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5719	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5720	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5721	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5722	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5723	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	
05	5724	11	1	100	01:00	05/06/61	002	0300	02	82.1	81	1	0.1	0.1	0.1	142.4	0.3	6.6	16.5	(E2)	

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35	36-39	40-44	45-49	49	49	51	53-55	56-58	59
05	576	1	1	1		0	002	003	004		8	1	004	004	004	7	0.2	0.8		13.2	1
05	578	1	1	0		0	002	003	004		8	2	002	002	002	8	0.4	0.8		09.9	(E)
05	579	1	1	0	22	0	002	003	004		8	1	002	002	002	7				16.5	(E) (7+)
05	581	1	1	0		0	002	003	004		8	1	002	002	002	8	0.4	0.8			1
05	582	1	1	0		0	002	003	004		8	2	002	002	002	9	0.6	0.9			1
05	583	1	1	0		0	002	003	004		8	1	002	002	002	0	0.6	0.9		26.4	(E)
05	584	1	1	0		0	002	003	004		8	2	002	002	002	8	0.4	0.9			1
05	585	1	2	0		0	002	003	004		8	2	002	002	002	1	0.6	0.9		16.5	(E)
05	587	1	1	0		0	002	003	004		8	2	002	002	002	0					
05	588	1	1	0		0	002	003	004		8	2	002	002	002	0				13.2	(E)

[illegible]

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-55																						
05-6322		111	101				5/13/62	002	0300			111	000		0157	1122	618	5.1	039.9			36.3
05-6331		111	101				5/13/62	002	0300			111	0110		0110	1122	618	5.1	039.9			36.3
05-6357		111	111				5/13/62	002	0300			111	0119		0119	1123	618	4.7	073.3			26.4
05-6364		111	101				5/13/62	002	0300			111	0110		0110	1122	618	5.1	039.9			36.3
05-6400		111	101				5/13/62	002	0300			111	0119		0119	1123	618	4.7	073.3			26.4
05-6411		111	100				5/13/62	002	0300			111	0128		0128	1131	618	5.4	041.6			29.7
05-6421		111	088				5/13/62	002	0300			111	0055		0055	0043	618	03.9	051.8			26.4
05-6449		111	100				6/13/62	002	0300			111	0168		0168	1147	618	10.2	053.1			23.1
05-6500		111	107				6/13/62	002	0300			111	0198		0198	1028	618	58.5	047.3			2

[illegible]

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-5	615	1	1	16.3	1740	1972	062-03	000	064	30	3	1	0076	057	71	41.6	02.8.4			23.1	(E2)
05-6-14	614	1	1	10.5	1820	1972	062-03	000	064	11	1	1	0083	030	72	15.1	04.2.9			23.1	(E4)
05-6-16	616	1	1	10.7	1810	1972	062-03	000	064	11	1	1	0061	061	62	40.9	05.2.0				1
05-6-19	619	1	1	10.5	1820	1972	062-03	000	064	11	1	1	0083	030	72	15.1	04.2.9			23.1	(E4)
05-6-20	620	1	1	09.5	1725	1972	062-03	000	064	11	1	1	0057	039	62	25.4	04.8.8				1
05-6-21	621	1	1	09.8	0610	1972	062-03	000	064	11	1	1	0025	038	62	27.7	06.2.7			16.5	(E3)
05-6-23	623	1	1	09.0	0810	1972	062-03	000	064	11	1	1	0073	052	61	66.8	03.9.1			19.8	(E2)
05-6-24	624	1	1	09.7	1753	1972	062-03	000	064	11	1	1	0075	065	71	70.0	03.2.7			24.7	(E3)
05-6-27	627	1	1	09.0	1840	1972	062-03	000	064	11	1	1	0072	065	61	54.8	03.7.3			33.0	(E2)
05-6-28	628	1	1	11.2	1115	1972	062-03	000	064	11	1	1	0118	0131	62	27.0	04.3.2			23.1	(E3)

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-15	6	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35-36	37-39	40-43	44-47	48-49	50-52	53-55	56-58	59	
65	689	1	1	80	0730	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	694	1	1	100	0721	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	695	1	1	100	1120	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	696	1	1	100	1120	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	698	1	1	100	1120	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	702	1	1	100	1815	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	703	1	1	100	1800	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	704	1	1	100	1810	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	705	1	1	100	0720	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1
65	706	1	1	100	1815	8/11/62	023	0200	01	74.3	1	1	065	7.0	051	62	12.5	0.1	6.7	35.0	1

	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells	
12	3-55	17	8-10	11-14	15	-	20	21-23	24	-	27-28	29-31	32-34	35-36	37-39	40-42	43-44	45-46	47-49	50-52	53-55	56-58	59
05	728	1	1044	1120	6	81162	002	003	0062			31	10031		00372	002	72	09.7	057.5		39.6	1	
05	729	1	2072	1800	6	81162	002	003	0062	00454	17.2	11	10031		00372	002	72	09.7	057.5		39.6	1	
05	710	1	1110	1630	6	81162	002	003	0062	00454	17.2	11	10031		00372	002	72	09.7	057.5		39.6	1	
05	711	1	1044	1535	6	81162	002	003	0062			31	10031		00372	002	72	09.7	057.5		39.6	1	
05	715	1	2072	1710	6	91562	002	003	0062	00454	17.2	11	10031		00372	002	72	09.7	057.5		39.6	1	
05	716	1	1045	1735	6	91562	002	003	0062	00454	17.2	11	10031		00372	002	72	09.7	057.5		39.6	1	
05	720	1	1110	1635	6	91562	002	003	0062	00454	17.2	11	10031		00372	002	72	09.7	057.5		39.6	1	
05	722	1	1085		6	30562	018	003	0062			12	10081		00372	002	72	09.7	057.5		39.6	1	
05	723	1	1095		6	41164	002	003	0062			32	20128		0087								
05	724	1	102	1416	6	90364	002	003	0062	450	811												

12	Species No.
13	Animal No.
14	Sex
15	Age
16	S-V length
17	Time
18	Date
19	Locality
20	Elevation
21	Habitat
22	Temperature
23	Breeding Color
24	Sperm
25	Epididymis
26	Left testis
27	volume
28	Rt. testis
29	volume
30	Condition
31	Sem. tubule
32	diameter
33	Sem. epithelial
34	height
35	Interstitial cell
36	nuclear diam.
37	Epid. epith.
38	height
39	Sertoli cells
12	725
13	725
14	1
15	1
16	10.5
17	11-14
18	1964
19	100464
20	100464
21	100464
22	100464
23	100464
24	100464
25	100464
26	100464
27	100464
28	100464
29	100464
30	100464
31	100464
32	100464
33	100464
34	100464
35	100464
36	100464
37	100464
38	100464
39	100464





UMA SCOPARIA

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	5-55	17	5-16	11-14	15	-	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
07	001	11	080	1200	0	13059	020	24	00	02	00	8	2	0001	0001	2	53.2	45	45	11.2	(E)
07	002	13	044	1235	0	22059	007	13	25	01	00	8	2	0001	0001	2	44				
07	003	11	047	1225	0	22059	007	13	25	01	00	8	2	0075	0005	4	44	104			
07	004	13	048	1235	0	22059	007	13	25	01	00	8	2	0001	0001						
07	005	12	032	1305	0	22059	007	13	25	01	00	8	2	0001	0001	0	47.6				
07	006	12	056	1255	0	22059	007	13	25	01	00	8	2	0001	0001	0	41.7	00	00	084	(E)
07	009	11	094	1129	0	31359	007	13	25	01	00	8	2	0038	0055	3	38.7	05	9.1	00	
07	010	11	097	1225	0	31359	007	13	25	01	00	8	2	0030	0050	3	49.6	04	7.3	00	(E)
07	011	11	107	1230	0	31359	007	13	25	01	00	8	2	0131	0121	3	20.5	08	1.0	00	(E) (E)
07	012	11	100	1315	0	31359	007	13	25	01	00	8	2	0081	0066						adrenomedullary

UMA SCOPARIA

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07 013	12	12	067	1035	0	31359	007	13	25	01	000	822	0002	0	0020	0	0.616	0.204	0.516	0.4	(E1)
07 014	12	12	058	1255	0	31359	007	13	25	01	000	822	0001	0	0001	0	0.403	0.200	0.516	0.4	(E1)
07 018	11	11	082	1113	0	42459	007	14	00	01	000	822	0003	0	0005	0	0.616	0.238	0.516	0.4	(E1)
07 019	11	11	101	1110	0	42459	007	14	00	01	000	811	0132	0	0161	0	0.736	0.180	0.516	0.3	(E1)
07 020	11	11	100	1040	0	42459	007	14	00	01	000	811	0169	0	0135	0	0.460	0.146	0.516	0.3	(E1)
07 021	11	11	083	1015	0	42459	007	14	00	01	000	822	0013	0	0134	0	0.617	0.367	0.516	0.4	(E1)
07 022	11	11	099	1035	0	42459	007	14	00	01	000	811	0154	0	0150	0	0.515	0.200	0.516	0.4	(E1)
07 023	12	12	059	1145	0	42459	007	14	00	01	000	822	0001	0	0001	0	0.495	0.200	0.516	0.4	(E1)
07 024	12	12	051	1107	0	42459	007	14	00	01	000	822	0001	0	0001	0	0.558	0.200	0.516	0.4	(E1)
07 025	13	13	049	1030	0	42459	007	14	00	01	000	822	0001	0	0001	0	0.378	0.200	0.516	0.4	(E1)

[illegible][illegible]

UMA SOCOTRANA																												
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells							
12	3-15	6	7	8-10	11-14	15	-	20	21-23	24	27	28-29	30	31-32	33-34	35	36	37-39	40	41-44	45	46	47-49	50	51-52	53-55	56-58	59-60
07	052	1	1	098	1200	0	52259	007	14	00	01	0	00	811	0158	0149	616	09	04	59								
07	053	1	1	097	1045	0	61059	007	14	00	01	0	00	811	0111	0107	711	11	04	54								
07	054	1	1	097	1005	0	61059	007	14	00	01	0	00	822	0007	0010	511	15	00	00								
07	055	1	1	094	1020	0	61059	007	14	00	01	0	00	811	0116	0104	11	20	08	09								
07	056	1	1	099	1008	0	61059	007	14	00	01	0	00	811	0141	0113	020	08	04	54								
07	057	1	1	086	0920	0	61059	007	14	00	01	0	00	822	0004	0058	1	00	00	00								
07	058	1	1	110	0900	0	61059	007	14	00	01	0	00	811	0104	0081	72	10	04	05								
07	059	1	1	098	0835	0	61059	007	14	00	01	0	00	811	0063	0050												
07	060	1	1	097	0825	0	61059	007	14	00	01	0	00	811	0125	0168	71	06	00	00								
07	061	1	1	097	0710	0	61059	007	14	00	01	0	00	811	0055	0052	71	05	07	04								

UMA SCOPARIA

UMA SCOPARIA																						
	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
01	062	12063	12063	1035	1635	0	61059	007	14	00	01	000	822	0001	0	001	0	001	0	001	11.2	6.1
07	063	12055	12055	1000	0	61059	007	14	00	01	000	822	0001	0	001	0	001	0	001	11.2	6.1	
07	064	12052	0935	0	61059	007	14	00	01	000	822	0001	0	001	0	001	0	001	11.2	6.1		
07	065	13047	0915	0	61059	007	14	00	01	000	822	0001	0	001	0	001	0	001	11.2	6.1		
07	066	12054	0816	0	61059	007	14	00	01	000	822	0001	0	001	0	001	0	001	11.2	6.1		
07	078	12069	1800	0	72159	007	14	00	01	039.6	822	0001	0	001	0	001	0	001	11.2	6.1		
07	081	11099	1820	0	72159	007	14	00	01	037.4	822	0001	0	001	0	001	0	001	11.2	6.1		
07	082	12057	1830	0	72159	007	14	00	01	037.0	822	0001	0	001	0	001	0	001	11.2	6.1		
07	083	11099	1835	0	72159	007	14	00	01	037.4	822	0001	0	001	0	001	0	001	11.2	6.1		
07	084	12060	1835	0	72159	007	14	00	01	000	822	0001	0	001	0	001	0	001	11.2	6.1		

UINA SCOPARIA

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-5	6	7	8-16	11-14	14	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38
07 087	11	087	1855	072159	007	14	00	01	36.6	8.2	2	0003	0004	8.5	7.7	4.0	4.0	4.0	4.0	4.0	
07 089	11	089	0700	072259	007	14	00	01	34.8	8.2	2	0003	0005	8.0	6.2	4.0	4.0	4.0	4.0	4.0	
07 090	12	063	0107	072259	007	14	00	01	35.6	8.2	2	0001	0010	6.0	3.8	4.0	4.0	4.0	4.0	4.0	
07 092	11	100	0720	072259	007	14	00	01	35.0	8.4	2	0052	0012	7.1	3.5	6.0	4.0	4.0	4.0	4.0	
07 096	11	098	0750	072259	007	14	00	01	40.0	8.2	2	0013	0018	8.0	4.1	4.0	4.0	4.0	4.0	4.0	
07 097	12	062	0755	072259	007	14	00	01	41.2	8.2	2	0001	0001	6.0	3.3	4.0	4.0	4.0	4.0	4.0	
07 101	12	078	0808	072259	007	14	00	01	42.0	8.2	2	0001	0020	6.0	4.3	4.0	4.0	4.0	4.0	4.0	
07 105	12	052	0821	072259	007	14	00	01	40.1	8.2	2	0001	0001	6.0	4.4	4.0	4.0	4.0	4.0	4.0	
07 107	12	058	0842	072259	007	14	00	01	39.4	8.2	2	0001	0001	6.0	3.6	4.0	4.0	4.0	4.0	4.0	
07 108	11	098	0850	072259	007	14	00	01	39.8	8.2	2	0008	0007	8.0	4.1	4.0	4.0	4.0	4.0	4.0	

UMA SCOPARIA

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07 109	11	1	105	0910	0	72259	007	14	0001	39.4	822	2	0021	0021	0020	7				25.2	(ET)
07 111	11	1	099	1005	0	72259	007	14	0001	41.5	822	2	0025	0025	0025	7	00.0025	5.2	(ET)	25.2	(ET)
07 114	12	063	0725	0	82059	007	14	0001	36.2	822	2	0001	0001	0001	0001	0041.2	(ET)			11.2	(ET)
07 115	12	069	0740	0	82059	007	14	0001	37.6	822	2	0001	0001	0002	0002	0041.2	(ET)			11.2	(ET)
07 116	12	055	0750	0	82059	007	14	0001	35.5	822	2	0001	0001	0001	0001	0041.2	(ET)			07.4	(ET)
07 117	12	054	1045	0	82059	007	14	0001	40.4	822	2	0001	0001	0001	0001	0037.4	(ET)			11.2	(ET)
07 118	12	055	1135	0	82059	007	15	0001	40.2	822	2	0001	0001	0001	0001	0034.4	(ET)				
07 119	12	066	1220	0	82059	007	15	0001	36.4	822	2	0001	0001	0001	0001	0046.2	(ET)			14.6	(ET)
07 120	12	059	1325	0	82059	007	15	0001	38.4	822	2	0001	0001	0001	0001	0034.2	(ET)			05.6	(ET)
07 123	11	113	0910	0	82059	007	14	0001	38.9	822	2	0009	0009	0009	0009	0031.4	(ET)			22.5	(ET)

THE SCOTLAND

LULA SCOPARIA																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07 131	111	112	0910	082059	007	14	00	01	32.0	82	2	0013	0013	0013	0013	3.0	10.1				
07 132	111	100	1125	082059	007	15	00	01	32.0	82	2	0010	0010	0010	0007	0007	7.1				
07 133	111	103	1140	082059	007	15	00	01	34.8	82	2	0011	0011	0011	0016	10.8					
07 134	111	101	1150	082059	007	15	00	01	39.2	82	2	0013	0013	0013	0014	7					
07 135	111	098	1155	082059	007	15	00	01	43.0	82	2	0007	0007	0007	0006	8.1					
07 136	111	095	1200	082059	007	15	00	01	36.2	82	2	0008	0008	0008	0008	10.4					
07 137	111	089	1220	082059	007	15	00	01	40.0	82	2	0004	0004	0004	0004	2.0	6.3	7.4	0.06	11.0	
07 142	111	092	1720	091059	007	15	00	01	36.0	82	2	0005	0005	0005	0004	9.0	6.4				
07 145	111	094	1745	091059	007	15	00	01	35.1	82	2	0007	0007	0007	0009	9.0	7.1				
07 150	111	089	0915	091159	007	14	00	01	32.3	82	2	0006	0006	0006	0007	8.0	6.9				

UMA SCOPARIA

UMA SCOPARIA																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-5	178	17	8-16	11-14	15	-	20-21-23	24-27	28-29	30-32	33	34	35	36-39	40-46	47-49	50-52	53-55	56-58	59	60
07-151	111	11	100	0922	0911 59	007 14	00 01	32.6	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59
07-153	111	094	0940	0911 59	007 14	00 01	32.7	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-154	111	082	1007	0911 59	007 14	00 01	31.8	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-155	126	064	0900	0911 59	007 14	00 01	31.8	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-157	126	064	0905	0911 59	007 14	00 01	35.1	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-158	126	073	0920	0924 59	007 14	00 01	38.7	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-159	126	066	0935	0924 59	007 14	00 01	32.9	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-161	126	063	0950	0924 59	007 14	00 01	36.8	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-163	111	095	1005	0924 59	007 14	00 01	35.2	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60
07-164	111	100	1020	0924 59	007 14	00 01	33.5	82	33	34	35	36	39	46	48	49	52	53-55	56-58	59	60

UNIVERSITY OF CALIFORNIA																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12-3-55	17	8-10	11-14	15	20	21-23	24	27	28-29	30-32	33-34	35-36	37-39	40	41-43	44-45	46-49	50-52	53-55	56-58	59-60
07 165	11	099	1025	102459	007	14	00	01	3.64	822	0028	0016	8.5	10.4	0.0000	19.0					(4.7)
07 166	12	066	1030	102459	007	14	00	01	3.56	822	0000	0010	8.5	10.1	0.0000						(4.7)
07 167	12	066	1045	102459	007	14	00	01	3.43	822	0001	0001	8.5	10.0	0.0000						(4.7)
07 170	12	072	1105	102459	007	14	00	01	3.79	822	0005	0005	8.5	10.0	0.0000						
07 172	12	064	1125	102459	007	14	00	01	3.95	822	0001	0001	8.5	10.0	0.0000						
07 173	12	067	1130	102459	007	14	00	01	4.24	822	0001	0001	8.5	10.0	0.0000						
07 174	11	091	1135	102459	007	14	00	01	3.79	822	0020	0024	3.1	17.8	0.5	1.4					
07 175	11	102	1150	102459	007	14	00	01	3.36	822	0022	0017	3.0	8.4							
07 176	11	087	1155	102459	007	14	00	01	3.88	822	0008	0009	3.6	10.3	0.3	1.8					
07 176	12	070	102459	007	14	00	01	3.88	822	0001	0001	8.5	10.0	0.0000	11.2						

UMA SCOPARIA

UMA SCOPARIA																					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-55	♂	7	8-16	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35-36	37-39	40-42	43-44	45-48	49-52	53-55	56-58	59-60	
07	177	1	2	070	1200	10-2459	007	14	00	01	1.3	82	2	0001	0001	0001	16.3				
07	178	1	1	102	1205	10-2459	007	14	00	01	1.8	82	2	0036	0034	31	16.5	0.3	2.5		
07	179	1	1	073	1210	10-2459	007	14	00	01	1.8	82	2	0042	0044	31	16.2	0.3	4.2		
07	180	1	2	074	1215	10-2459	007	14	00	01	1.2	82	2	0002	0002	31	15.9	0.3	2.5		
07	181	1	2	069	1330	10-2459	007	14	00	01	1.6	82	2	0002	0002	31	19.5	0.3	2.5		
07	182	1	2	079	1355	10-2459	007	15	00	01	1.7	82	2	0006	010	30	10.4	0.3	2.5		
07	184	1	1	097	1250	11-1459	007	14	00	01	1.6	82	2	0028	032	31	18.2	0.3	2.5		
07	185	1	2	073	1115	10-30760	007	14	00	01	1.6	82	2	0009	010	30	12.8	0.3	2.5		
07	187	1	1	088	1235	10-30760	007	14	00	01	1.6	82	2	0068	064	31	12.7	0.5	1.4		
07	188	1	1	100	1240	10-30760	007	14	00	01	1.9	82	2	0098	088	31	11.9	0.5	2.8		

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07 198	1	2	063	0930	041960	00714	0001374	822	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 199	1	1	105	0850	041960	00714	0001372	811	0235	0184	04212.5	055.4	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 200	1	1	107	1255	042160	00714	00010001	811	0230	0207	04214.3	047.2	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 202	1	1	105	0935	042160	00714	00010001	811	0361	0354	04216.0	042.1	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 204	1	1	094	1035	042160	00714	00010001	811	0309	0292	04216.0	042.1	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 197	1	1	088	1455	041160	00714	00010001	811	0159	0150	04116.0	041.1	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 193	1	2	069	1325	030760	00714	00010001	822	0005	0007	03076.0	030.7	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 191	1	1	097	1259	030760	00714	00010001	822	0073	0081	03076.0	030.7	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 190	1	2	075	1253	030760	00714	00010001	822	0033	0035	03076.0	030.7	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
07 187	1	2	066	1245	030760	00714	00010001	822	0069	0070	03076.0	030.7	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001	00010001
12 3-5	6	7	8-10	11-14	15-20	21-23	24-27	28-32	33-35	36-39	40-43	44-45	46-49	50-53	54-58	59-60	61-64	65-68	69-72	73-76	77-80

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	3-35	67	8-16	11-14	15	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39
07 205	11 092	11	092	1045	0	42160	007	14 00 01	38.4	811	0222	0196	020.6	038.1	022.2	0196	020.6	038.1	022.2	0196	020.6
07 206	11 108	11	108	1125	0	42160	007	14 00 01	36.6	811	036.3	0354	027.4	029.3	036.3	0354	027.4	029.3	036.3	0354	027.4
07 207	11 097	11	097	1140	0	42160	007	14 00 01	41.3	811	0188	0220	027.3	029.1	0188	0220	027.3	029.1	0188	0220	027.3
07 208	11 105	11	105	1150	0	42160	007	14 00 01	34.6	811	0421	0461	027.2	029.4	0421	0461	027.2	029.4	0421	0461	027.2
07 209	11 099	11	099	1208	0	42160	007	14 00 01	32.9	811	0361	0350	0218.3	029.0	0361	0350	0218.3	029.0	0361	0350	0218.3
07 210	11 103	11	103	1220	0	42160	007	14 00 01	39.4	811	0356	0425	0279.2	0253.8	0356	0425	0279.2	0253.8	0356	0425	0279.2
07 212	11 106	11	106	1235	0	42160	007	14 00 01	40.5	811	0469	0510	0214.8	029.0	0469	0510	0214.8	029.0	0469	0510	0214.8
07 214	11 086	11	086	1405	0	42160	007	14 00 01	38.7	811	0169	0193	0250.1	029.7.5	0169	0193	0250.1	029.7.5	0169	0193	0250.1
07 215	11 102	11	102	1445	0	42160	007	14 00 01	40.4	811	0356	0341	0222.8	029.3.6	0356	0341	0222.8	029.3.6	0356	0341	0222.8
07 216	11 100	11	100	1755	0	52160	007	15 00 01	32.6	811	0356	046	0205.2	029.6.2	0356	046	0205.2	029.6.2	0356	046	0205.2

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
01 237	1 2071				0000	052260	007	14	00	01	00	322	0010	0007	0012					0014	61
01 239	1 1103				0000	052260	007	14	00	01	00	811	0379	0341							
01 240	1 1110				0000	052260	007	14	00	01	00	811	0512	0786						33.0	64
01 242	1 1106				0000	052260	007	14	00	01	00	811	0185	0196	0210	0110				23.1	64
01 245	1 1109				0000	052260	007	14	00	01	00	811	0301	0312	0327	0117				23.1	64
01 250	1 1104				0830	061160	007	14	00	01	39.2	811	0157	0182							
01 251	1 1102				0905	061160	007	14	00	01	39.9	811	0233	0238							
01 252	1 11087				1005	061160	007	14	00	01	41.9	811	0137	0122							
01 254	1 11089				1010	061160	007	14	00	01	00	811	0135	0088							
01 255	1 1103				1020	061160	007	14	00	01	38.1	811	0174	0196							

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Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	315	11	107	0000	0	51060	007	14	00	01	00	821	00028	0	027	7						10.5	75 (220)
07	310	11	102	0000	0	51060	007	14	00	01	00	821	0010	0	011	7						12.6	75 (220)
07	311	11	100	0000	0	51060	007	14	00	01	00	821	0021	0	014	7						14.7	75 (200)
07	312	11	096	0000	0	51060	007	14	00	01	00	821	0007	0	013	5	36.5					6.0	53
07	313	11	101	0000	0	51060	007	14	00	01	00	821	0016	0	013	7						14.7	75 (290)
07	314	11	105	0815	0	91160	007	14	00	01	00	821	0018	0	020								
07	316	11	102	0000	0	91160	007	14	00	01	00	822	0013	0	019	7						25.2	75
07	323	11	094	0000	0	91160	007	14	00	01	00	821	0010	0	018	7						19.8	75 (210)
07	324	11	097	0000	0	11160	007	14	00	01	00	821	0014	0	015	8	33.6					19.8	75
07	325	11	095	0000	0	91160	007	14	00	01	00	821	0007	0	008	8	66.2					23.1	75

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Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells													
12	355	67	8-10	11-14	15	-	20	21-23	24	-	27	2829	30-32	33	34	35	36	-	39	40	-	43	44	45	-	49	49	-	52	53-55	56-58	59	60			
07	350	11	102	1135	1	01660	007	14	00	01	000	82	2	0020	0	013	7																	(70)		
07	331	11	103	1308	1	01660	007	14	00	01	000	82	2	0031	0	0247	7																	(71) (61)		
07	335	11	1075	1150	0	40861	007	14	00	01	38.6	821	0109	0	1025	1	5-9.7	0164																(62)		
07	339	11	102	1200	0	40861	007	14	00	01	37.4	821	0111	0	0965	1	3.7	0455																(63)		
07	341	11	096	1340	0	40861	007	14	00	01	35.0	821	0075	0	0825	1	20.1	00.0																		
07	343	11	096	0000	0	81060	007	14	00	01	000	811	0212	0	1715	1	5.85	0524																	(64)	
07	344	11	085	0000	0	81060	007	14	00	01	000	821	0084	0	0825	2	07.0	01.1																	(65)	
07	345	11	096	0000	0	81060	007	14	00	01	000	821	0036	0	0423	1	04.7	0396																	(66)	
07	350	11	107	0000	0	50661	007	14	00	01	000	821	0090	0	110	6	165.4	048.6																	(67) (68)	
07	351	11	100	0000	0	50661	007	14	00	01	000	831	0184	0	113	6	10.1	0306																		(69)

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	355	17	8-16	11-14	15	-	20	21-23	24	-	27	28	29	30	31	32	33	34	35	36	37
07	362	11	098	0000	0	50661	007	14	00	01	0008	11	0144	0	118	01	13.1	0.4		0.1	(47)
07	363	11	102	0000	0	50661	007	14	00	01	0008	11	0127	0	087	02	13.5	0.4		0.1	(53)
07	364	11	104	0000	0	50661	007	14	00	01	0008	11	0158	0	120	01	14	0.5		0.1	(47)
07	381	11	101	0000	0	61561	007	14	00	01	0008	21	0043	0	035	01	11.9	0.1		0.1	(47)
07	382	11	083	0830	0	61561	007	14	00	01	0008	21	0003	0	004	01	11.9	0.1		0.1	(47)
07	388	11	098	0000	0	61661	007	14	00	01	0008	11	0066	0	061	01	10.4	0.1		0.1	(47)
07	389	11	101	0000	0	61661	007	14	00	01	0008	11	0085	0	089	01	12.1	0.1		0.1	(47)
07	392	11	101	0000	0	61661	007	14	00	01	0008	11	0091	0	096	01	13.6	0.2		0.1	(47)
07	393	11	102	0000	0	61661	007	14	00	01	0008	11	0042	0	099	01	13.5	0.2		0.1	(47)
07	395	11	104	0000	0	61861	007	14	00	01	0008	22	0009	0	008	01	12.7			0.1	(47)

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
12	396	111092	0000	0	71861	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	397	11105	0000	0	71861	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	399	11103	0000	0	71861	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	403	11110	0000	0	71861	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	404	11093	0000	0	71861	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	405	11092	0000	0	71861	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	410	11103	0000	0	81561	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	411	12077	0000	0	81561	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	412	12074	0000	0	81561	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50
07	414	11096	0000	0	81561	00714	00010	00082	3435	36	39	40	41	42	43	44	45	46	47	48	49	50

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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells	
07 4115	11096				0000	081561	007 14 00	81	0000	822	0010	0029	7							12.4	1	(7) (6.5)
07 4116	11093				0010	081561	007 14 00	01	0000	822	0007	0008					17.7			16.8	1	(6.1)
07 4117	11103				0000	081561	007 14 00	01	0000	822	0010	0016					16.2				1	
07 4118	11105				0000	081561	007 14 00	01	0000	822	0019	0019	7							13.1	1	(7) (6.1)
07 4119	11095				0000	081561	007 14 00	01	0000	822	0013	0011					11.1			23.1	1	(6.1)
07 420	11097				0000	081561	007 14 00	01	0000	822	0020	0026								19.8	1	(7.5)
07 426	12073				0000	091461	007 14 00	01	0000	821	0002	0002					17.3			10.5	1	(6)
07 428	111083				0000	091461	007 14 00	01	0000	822	0007	0007					12.3				1	
07 429	111093				0000	091461	007 14 00	01	0000	821	0013	0011					8.4			19.8	1	(6) (6.3)
07 430	111099				0000	091461	007 14 00	01	0000	821	0012	0015								13.2		(6.1)

12	Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07	434	11	1	104	0000	093061	007	14	00	01	000	822	2	0035	0	0121	11	11.1			19.1	(51)
07	435	11	1	103	0000	01261	007	14	00	01	000	822	2	0008	0	010						
07	436	12	075	1230	1	01261	007	14	00	01	000	822	2	0002	0	0020	10.3					
07	437	11	082	0000	1	01261	007	14	00	01	000	822	2	0007	0	0003	10.6				16.5	(41)
07	444	12	076	0000	1	01261	007	14	00	01	000	822	2	0002	0	005	10.7				17.1	(31)
07	445	11	084	0000	1	01261	007	14	00	01	000	822	2	0021	0	021	11.9	1.5	2.3		19.1	(41)
07	446	11	102	0000	1	01261	007	14	00	01	000	822	2	0020	0	021	11.7				19.7	(41)
07	447	11	095	0000	1	01261	007	14	00	01	000	822	2	0013	0	024	11.6				29.7	(41)
07	448	11	085	0000	1	01261	007	14	00	01	000	822	2	0008	0	013	11.0	18.5			13.1	(21)
07	449	11	081	0000	1	01261	007	14	00	01	000	822	2	0005	0	006	11.0	18.6			16.5	(41)

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12	3-5	67	8-10	11-14	15-20	21-23	24-27	28-32	33-37	38-40	41-43	44-48	49-52	53-55	56-58	59-60					
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07	450	11	084	0000	1	01261	007	14	00	01	00	822	00007	00007	0007	91	0.23				1
07	451	12	079	0000	1	01261	007	14	00	01	00	822	00008	00008	0007	91	0.23				1
07	452	11	085	0000	1	01261	007	14	00	01	00	822	00027	00027	0020	71	0.12				1
07	453	11	100	0000	1	01261	007	14	00	01	00	822	00150	0013	91	0.20					1
07	454	11	081	0000	1	01261	007	14	00	01	00	822	0004	0005	0005	00	0.51				1
07	455	12	075	0000	1	01261	007	14	00	01	00	822	00007	00007	0008	90	0.20				1
07	458	11	108	0000	1	01261	007	14	00	01	00	822	0015	0012	31	0.34	0.46				1
07	459	11	083	0000	1	01261	007	14	00	01	00	822	0041	0034	90	0.54					1
07	460	11	080	0820	0	42362	007	14	00	01	00	022	00071	0059	91	0.40	0.48				1
07	464	11	106	0900	0	42362	007	14	00	01	320	011	0198	00	246	0.2	0.49	0.55			2

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07 466	11	102	0920	0	42362	007	14	0001	325	011	0229	0	198								
07 467	11	097	1020	0	42362	007	14	0001	000	111	0158	0	149								
07 468	11	097	1035	0	42362	007	14	0001	000	011	0128	0	135	01	135	01	135	01	135	01	135
07 469	11	090	1035	0	42362	007	14	0001	000	111	0121	0	110	01	110	01	110	01	110	01	110
07 471	11	083	1120	0	42362	007	14	0001	000	111	0035	0	024	01	024	01	024	01	024	01	024
07 472	11	082	1150	0	42362	007	14	0001	000	111	0060	0	059	01	059	01	059	01	059	01	059
07 474	11	092	0000	0	42362	007	14	0001	000	011	0179	0	139	01	139	01	139	01	139	01	139
07 476	11	085	0000	0	42362	007	14	0001	000	111	0120	0	096	01	096	01	096	01	096	01	096
07 477	12	070	0000	0	50662	007	14	0001	000	022	0001	0	001								
07 478	11	097	0000	0	50662	007	14	0001	000	011	0223	0	200	01	200	01	200	01	200	01	200

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Species No.		Animal No.		Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
12	3-5	6	7	8-16	11-14	15	-	20	21-23	24	-	27	28	29	30-32	33	34	35	36	37-39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
07	479	11	103				0000	050662	007	14	00	01	00	11	1	01353	0169	01553	01553	01553																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells
07 503	11053	1	1053	0000	0	50662	007	14	0001	0000	02	2	0047	0	039						
07 504	11090	1	090	0000	0	50662	007	14	0001	0000	01	1	0115	0	110	61	45.5	1.5	2.8		
07 506	11097	1	097	0000	0	60562	007	14	0001	3.5	011	0092	0	105	61	60	0.7	1.6			
07 511	11106	1	106	0920	0	60562	007	14	0001	3.8	0011	0235	0	2.35	61	45.7	1.6	2.9			
07 512	11050	1	050	0950	0	60562	007	14	0001	0000	022	0003	0	003							
07 513	112079	1	2079	1035	0	60562	007	14	0001	4.0	020	22	0007	0	005						
07 514	11111	1	111	1040	0	60562	007	14	0001	3.5	8011	0128	0	107	61	49.6	1.5	4.4			
07 515	111081	1	1081	1050	0	60562	007	14	0001	3.8	4022	0003	0	003							
07 516	11098	1	1098	1135	0	60562	007	14	0001	3.7	0011	0096	0	111	61	47.8	1.4	4.1			
07 517	111085	1	1085	1150	0	60562	007	14	0001	4.0	8022	0003	0	003	61	18.1	0.5	4.6			

(E2)

(E3)

(E4)

(E5)

(E6)

LIBRERIA SCOPARIA

UMA SCOPARIA																						
Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis volume	Rt. testis volume	Condition	Sem. tubule diameter	Sem. epithelial height	Interstitial cell nuclear diam.	Epid. epith. height	Sertoli cells	
12	515	1	7	8-10	11-14	15-20	21-23	24-27	28-29	30-32	33-34	35-36	37-39	40-42	43-44	45-49	49-49	52-53	53-55	56-58	59-60	
07	518	1	1	093	1200	060562	007	14	0001	38.8	011	1	0051	0	064							
01	519	1	1	097	0845	060562	007	14	0001	38.0	011	1	0062	0	063	1	6.6	0.3		21.7	1	
07	520	1	1	104	0900	060562	007	14	0001	32.8	011	1	0057	0	050	1	6.0	0.3			1	
07	521	1	2	075	0915	060562	007	14	0001	32.5	022	2	0003	0	002							
07	522	1	1	086	1000	060562	007	14	0001	38.5	011	1	0078	0	075	1	6.1	6.0		20.4	1	
07	523	1	1	102	1010	060562	007	14	0001	00.0	011	1	0111	0	113	1	8.1	0.1		30.0	1	
07	524	1	1	099	1020	060562	007	14	0001	41.5	011	1	0111	0	115	1	8.1	0.3		42.4	1	
07	525	1	1	089	1035	060562	007	14	0001	39.0	011	1	0102	0	086	1	7.3	0.0			1	
07	529	1	1	093	0740	071762	007	14	0001	40.0	011	1	0006	0	008	0	71.3			19.8	1	
07	531	1	1	082	0805	071762	007	14	0001	38.4	022	2	0001	0	002	0	47.5			13.2	1	
																					(E1)	
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Species No.	Animal No.	Sex	Age	S-V length	Time	Date	Locality	Elevation	Habitat	Temperature	Breeding Color	Sperm	Epididymis	Left testis	volume	Rt. testis	volume	Condition	Sem. tubule	diameter	Sem. epithelial	height	Interstitial cell	nuclear diam.	Epid. epith.	height	Sertoli cells																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
12	555	1	7	8-10	11-14	15	-	20	21-23	24	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
07	5571	1	1	080	0755	0	81062	007	14	0001	37.6	022	0002	0002	0002	0004	0004																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

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UMA SCOPARIA																							
Species No.																							
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Left testis volume																							
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Condition																							
Sem. tubule diameter																							
Sem. epithelial height																							
Interstitial cell nuclear diam.																							
Epid. epith. height																							
Sertoli cells																							
07	577	1	1	1	103	0955	0	91142	007	14	00	01	000	02	2	0000	0000						
07	578	1	1	1	110	1005	0	91162	007	14	00	01	000	02	2	0021	0024	91132					
07	579	1	1	1	100	1010	0	50563	007	14	00	01	42.4	811	0246	0269							

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R-371

STEEL BACKPLATE

S. E. & M. VERNON, INC.

U. S. A.

